

**Table 1: Details of imported plastic captured by Customs New Zealand data as 'plastics and articles thereof' used for Chapter 3.1.1.**

NZHSC code	Tonnes										
	4 digit code	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Polymers of ethylene, in primary forms	3901	115998	125423	126273	133163	133636	155722	143298	136154	157304	143405
Polymers of propylene or of other olefins, in primary forms	3902	32043	35660	33399	36871	37830	39932	42428	43015	44475	42751
Polymers of styrene, in primary forms	3903	20921	24042	20696	21618	21866	24096	22751	13159	9920	10285
Polymers of vinyl chloride or of other halogenated olefins, in primary forms	3904	27704	28633	28384	27824	29663	35030	33972	29274	30089	30558
Polymers of vinyl acetate or of other vinyl esters, in primary forms	3905	757	1009	1547	1549	1429	2065	2327	2067	2468	1790
Acrylic polymers in primary forms	3906	8897	10206	11364	28488	10967	11291	11763	14521	13020	21650
Polyacetals, other polyethers and epoxide resins, in primary forms	3907	33983	35753	34309	32761	38741	37324	37358	39618	43078	39358
Polyamides in primary forms	3908	3442	3832	3427	4038	4020	5040	4790	3722	4088	4089
Amino-resins, phenolic resins and polyurethanes, in primary forms	3909	4332	5820	6176	6068	6595	7505	6580	6155	8605	8484
Silicones in primary forms	3910	763	1053	1101	1110	1057	1328	1266	1400	1839	1848
Petroleum resins, coumarone-indene resins, polyterpenes, polysulphides, polysulphones and similar products of chemical synthesis n.e.c. in chapter 39, in primary forms	3911	1491	1550	1694	1138	1229	1134	997	1172	1255	983
Cellulose and its chemical derivatives, n.e.c. or included, in primary forms	3912	1075	1180	711	964	939	1057	1053	913	867	809
Natural polymers (e.g. alginic acid) and modified natural polymers (e.g. hardened proteins, chemical derivatives or natural rubber), n.e.c. or included, in primary forms	3913	403	546	362	441	508	479	489	478	716	684
Ion-exchangers; based on polymers of heading no. 3901 to 3913, in primary forms	3914	138	115	135	212	172	166	209	170	183	187
<b>Total of resin imports (in primary forms)</b>		<b>251947</b>	<b>274822</b>	<b>269578</b>	<b>296245</b>	<b>288652</b>	<b>322169</b>	<b>309281</b>	<b>291818</b>	<b>317907</b>	<b>306881</b>
Waste, parings and scrap, of plastics	3915	3091	5055	4129	4989	8045	5906	6511	6868	7233	6960
Monofilament of which any cross-sectional dimension exceeds 1mm, rods, sticks and profile shapes, whether or not surface-worked but not other worked, of plastics	3916	1450	1667	1343	1693	2129	2496	3369	4037	3755	3713
Tubes, pipes and hoses and fittings thereof (for example, joints, elbows, flanges), of plastics	3917	10792	12549	14004	20230	20229	21348	27202	22354	36992	21864
Floor coverings of plastics, self-adhesive or not, in rolls or tiles; wall or ceiling coverings of plastics, in rolls of a width not less than 45cm	3918	6407	7323	7411	7842	9109	9630	10983	10891	12943	13013
Self-adhesive plates, sheets, film, foil, tape, strip and other flat shapes, or plastics, whether or not in rolls	3919	6389	7793	8138	8462	9307	9499	9353	10753	12192	11225
Plastics; plates, sheets, film, foil and strip (not self-adhesive); non-cellular and not reinforced, laminated, supported or similarly combined with other materials, n.e.c. in chapter 39	3920	44799	49907	50050	55685	57565	61555	59708	63245	69864	66132
Plastic plates, sheets, film, foil and strip n.e.c. in chapter 39	3921	7192	9782	8626	11190	11258	11409	12235	14247	17504	17615
Sanitary ware, baths, shower-baths, sinks, wash-basins, bidets, lavatory pans, seats and covers, flushing cisterns and sanitary ware, of plastics	3922	2251	3533	3683	3551	4495	4438	4460	4888	4992	4754
Plastic articles for the conveyance or packing of goods; stoppers, lids, caps and other closures of plastics	3923	34042	35645	41118	44655	48776	52812	52963	57559	62549	64747
Tableware, kitchenware, other household articles and hygienic or toilet articles, of plastics	3924	9867	11051	11662	12457	13018	13872	14150	15727	17175	18807
Plastics; builders' wares n.e.c. or included	3925	3738	2346	2600	2669	3740	3809	4387	4814	5787	6070
Articles of plastics and articles of other materials of heading no. 3901 to 3914, n.e.c. in chapter 39	3926	17648	19520	20529	21019	23614	27510	27811	27987	30504	32281
<b>Total of other imported plastic products</b>		<b>147666</b>	<b>166171</b>	<b>173293</b>	<b>194442</b>	<b>211285</b>	<b>224284</b>	<b>233132</b>	<b>243370</b>	<b>281490</b>	<b>267181</b>
<b>Overall total</b>		<b>399613</b>	<b>440993</b>	<b>442871</b>	<b>490687</b>	<b>499937</b>	<b>546453</b>	<b>542413</b>	<b>535188</b>	<b>599397</b>	<b>574062</b>

**Table 2: Details of codes captured by Customs New Zealand data as 'plastics and articles thereof' used for Chapter 3.1.2.**

NZHSC Level 4	Tonnes										
	NZHSC Level	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>1 (PET)</b>											
Poly(ethylene terephthalate); in primary forms, blocks of irregular shape, lumps, powders (including moulding powders), granules, flakes and similar bulk forms	3907600100	15,880	16,645	16,677	14,937	16,689	14,381	15,536	20,135	0	0
Poly(ethylene terephthalate); in primary forms, having a viscosity of 78ml/g or higher; blocks of irregular shape, lumps, powders (including moulding powders), granules, flakes and similar bulk forms	3907611010	0	0	0	0	0	0	0	0	8,959	8,655
Poly(ethylene terephthalate); in primary forms, having a viscosity of less 78ml/g; blocks of irregular shape, lumps, powders (including moulding powders), granules, flakes and similar bulk forms	3907691010	0	0	0	0	0	0	0	0	8,803	7,510
<b>2 (HDPE)</b>											
Ethylene polymers; in primary forms, polyethylene having a specific gravity of 0.94 or more, ground polyethylene, rotational moulding grade	3901200001	1,368	703	1,478	1,107	669	274	436	609	443	439
Ethylene polymers; in primary forms, polyethylene having a specific gravity of 0.94 or more, other than ground polyethylene, rotational moulding grade	3901200009	46,433	52,487	53,788	60,130	59,166	73,244	62,717	54,698	70,749	59,318
<b>3 (PVC)</b>											
Vinyl chloride, other halogenated olefin polymers; poly(vinyl chloride), not mixed with any other substances, in primary forms	3904100000	25,118	26,118	26,577	24,828	28,388	33,547	32,380	27,771	28,067	28,437
<b>4 (LDPE)</b>											
Ethylene polymers; in primary forms, polyethylene having a specific gravity of less than 0.94, ground polyethylene, rotational moulding grade	3901100001	288	1,432	2,518	2,585	3,865	3,268	3,405	2,401	2,569	4,122
Ethylene polymers; in primary forms, having a specific gravity of less than 0.94, (other than ground polyethylene, rotational moulding grade), linear low density polyethylene (LLDPE)	3901100005	37,429	40,384	34,295	35,584	35,379	38,555	37,351	40,296	39,598	39,058
Ethylene polymers; in primary forms, polyethylene having a specific gravity of less than 0.94, (other than ground polyethylene, rotational moulding grade) and other than linear low density polyethylene (LLDPE)	3901100010	22,203	21,739	23,257	23,694	21,882	23,283	24,361	24,172	27,894	28,509
<b>5 (PP)</b>											
Propylene, other olefin polymers; polypropylene in primary forms	3902100000	25,909	20,526	12,411	19,105	19,270	17,553	16,889	15,179	14,589	14,446
Propylene, other olefin polymers; polyisobutylene in primary forms	3902200000	367	399	291	470	272	521	370	342	310	453
Propylene, other olefin polymers; propylene copolymers in primary forms	3902300000	4,734	12,885	18,583	15,749	16,326	20,738	22,932	25,562	27,563	26,013
<b>6 (PS)</b>											
Styrene polymers; expansible polystyrene, in primary forms	3903110000	5,701	6,976	6,237	7,071	8,072	9,641	10,318	0	0	0
Styrene polymers; (other than expansible polystyrene), in primary forms	3903190000	10,151	10,875	10,480	10,745	10,427	11,136	9,580	10,453	7,402	7,082
Styrene polymers; styrene-acrylonitrile (SAN) copolymers, in primary forms	3903200000	81	52	404	10	40	80	31	31	17	19
Styrene polymers; acrylonitrile-butadiene-styrene (ABS) copolymers, in primary forms, not mixed with any other substance	3903300001	1,340	2,698	2,036	1,678	1,447	1,279	1,331	1,186	1,218	1,532
Styrene polymers; acrylonitrile-butadiene-styrene (ABS) copolymers, in primary forms, mixed with any other substance	3903300009	1,763	2,061	720	1,164	775	668	472	274	84	61
<b>7 (other)</b>											
Polycarbonates; in primary forms, blocks of irregular shape, lumps, powders (including moulding powders), granules, flakes and similar bulk forms	3907400100	1,565	1,288	1,207	1,165	900	1,066	1,111	748	860	908
Acrylic polymers; in primary forms, (excluding polymethyl methacrylate), (not liquids or pastes), acrylic copolymers	3906900901	1,130	1,040	908	992	1,395	1,415	1,342	1,633	1,807	2,319
Polyacetals; in primary forms, blocks of irregular shape, lumps, powders (including moulding powders), granules, flakes and similar bulk forms	3907100100	480	579	536	583	516	705	595	566	738	564
Polyamides; polyamide-6, -11, -12, -6,6, -6,9, -6,10 or -6,12, in primary forms, blocks of irregular shape, lumps, powders (including moulding powders), granules, flakes and similar bulk forms	3908100100	2,148	2,040	1,775	2,012	2,336	2,646	3,129	2,709	3,036	3,016
Ethylene polymers; in primary forms, ethylene-vinyl acetate copolymers, other than liquids and pastes	3901300900	1,670	1,692	2,322	1,685	1,844	2,669	1,929	1,305	958	1,225