

PRODUCT DATA BROCHURE

TPO Compounds for Molding/Specialty Products

Our Staff is available to answer questions and provide technical assistance at
(978) 537-8261

Properties	RTI, °C	Specific Gravity, +/- .03 g/cc	Melt Flow Rate, g/10 min	Tensile Yield Strength, PSI	Tensile Break Strength, PSI	Ultimate Elongation, %	Burn Rating	Oxygen Index, %	Dielectric Constant (1KHz,23°C)	Dart Drop ft.-lb./in	Flexural Modulus, PSI	Suggested Stock Temp., °F	Suggested Applications
ASTM		D-792	D-1238	D-638	D-638	D-638	UL-94	D-2863	D-1531	D-3029	D-790		
GPP™-NH3 Natural	NR ¹	1.05	15 to 25	3000	2000	—	V0 @ 1/16"	30	—	11	300,000	380-410	Non-halogen flame retardant V-0 polypropylene power supply systems, motor housings
GPP™-1001V0M	115	0.99	1 to 20	3450	2000	400	V0 @ 1/32"	30	2.11	12	300,000	410-450	Electrical parts, connectors, appliances, battery cases
GPP™-1001V0F	115	0.99	2 to 10	2000	2000	10	V0 @ 1/32"	28	—	—	—	375	Flame retardant foamed product
GPP™-1001HFNH	105	1.06	10 to 20	2700	2000	50	V0 @ 1/16", V-2 @ 1/32"	30	—	6	250,000	370-390	Non-halogen, V-0, flame retardant polypropylene for injection molding
GPP™-1001HFNH-2	NR	1.05	10.0	2860	2400	50	V0 @ 1/16", V-2 @ 1/32"	32	2.40	18	313,000	370-420	Non-halogen, V-0, flame retardant polypropylene for injection molding
GPP™-1005M	115	0.92	9.0	4440	3900	200	V-2 @ 1/32"	28	2.10	22	150,000	410-450	Wire nuts, light sockets, electrical applications
GPP™-1020	NR	1.04	4.0	1750	1550	200	—	37	2.25	6	190,000	410-450	Non-halogen specialty parts
GTPO™-8190	105	0.88	0.4	—	1200	500	—	—	2.20	20	26,000	410-450	Gaskets, wheels, seals, caps, closures
GTPO™-8201	105	0.96	0.8	—	1600	500	—	—	2.30	14	6,000	410-450	Automotive, gaskets, seals, caps, footers, hose
GTPO™-8202	105	0.88	0.8	—	1100	600	—	—	2.30	16	1,500	410-450	Weatherstrip, footers, bumpers, automotive, hose, gaskets, grips
GTPO™-8260	105	0.88	0.6	—	1800	600	—	—	2.30	14	3,000	410-450	Automotive, weatherstrip, gaskets, toys, caps, grips
GTPO™-8280	105	0.88	0.4	—	1500	500	—	—	2.30	22	10,000	410-450	Automotive, wheels, gaskets, caps, closures, grips

¹ NR = Unrated; carries base rating for PP of 65°C.

All compounds are available in Natural, as well as a wide spectrum of colors. Contact S&E Specialty Polymers for color matches.

This is merely a sampling of the compounds offered by S&E Specialty Polymers. We encourage you to contact us concerning your specific applications.

140 Leominster-Shirley Road | Gianna Park, P.O. Box 120 | Lunenburg, MA 01462 | **978.537.8261**
admin/exec fax **978.840.4645** | sales/general fax **978.534.8362** | www.sespoly.com

