



# PRODUCT DATA BROCHURE

## TPO Compounds for Wire & Cable

Flame Retardant/Specialty Wire

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

Properties	Temperature Rating °C	Specific Gravity g/cc	Durometer (3 sec), A	Tensile Strength, PSI	Elongation %	Brittle Point, °C	Dielectric Constant (1KHz, 23°C)	Oxygen Index, %	Suggested Stock Temp. °C	Suggested Applications
ASTM		D-792	D-2240	D-412 (D-638)	D-412 (D-638)	D-746	D-1531	D-2863		
GPP™ 1001V0E	115 (RTI)	0.98	100 Rockwell	(3000)	5 (YLD) 200 (BRK)	—	2.25	30	190-215	Flat wire, film, UL94, -0, 1/32"
GPP™ 1005E	115 (RTI)	0.92	100 Rockwell	(3900)	5 (YLD) 200 (BRK)	—	2.10	26	190-215	Sheet extrusion, UL94, -2, 1/32"
GPE™ 2001E	90	1.15	95	2700	650	<-55	2.30	28	180-210	Insulation, jacket, plastic fencing, UL94, -0, 1/32"
GPE™ 2003E	90	1.35	95	1800	650	<-55	2.20	28	200-220	Insulation, jacket, foamable, UL94, -0, 1/16"
GTPO™ 8101	105	1.10	90	2200	600	<-65	2.30	26	200-225	Insulation, automotive, SAEJ-1128
GTPO™ 8102/R	105	1.26	95	1900	500	<-55	2.4	27	180-220	Insulation, jacket, appliance wiring, heat-trace cable
GTPO™ 8102 EH-2	105	1.20	95	1800	500	<-55	2.4	27	195-220	Insulation, jacket, flat/ribbon cable
GTPO™ 8290 FC	105	0.95	85	1600	500	<-55	2.3	25		Insulation, jacket, SEW, SJEW

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.sespolymers.com](http://www.sespolymers.com)

