

# S&E; Wire & Cable GTPO8102BA-H NATURAL

Thermoplastic Polyolefin Elastomer

S&E; Specialty Polymers, LLC

Message:

High-flow flame retardant TPO compound for insulation and jacketing compound designed for ribbon cable applications. The flame retardant package incorporates non-PDBPO, PBB, PBDE flame-retardants, which is RoHS and WEEE compliant. The GTPO8102BA-H series of products is formulated to meet UL VW-1 testing, as well as CSA test C22-2 No. 0.6 flame test.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	High Flow		
	Oil Resistant		
Uses	Wire & Cable Applications		
Agency Ratings	CSA C-22-2, No. 0.6 flame test		
	UL VW-1		
RoHS Compliance	RoHS Compliant		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17 to 1.23	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	95		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (200% Strain)	> 0.0414	MPa	ASTM D412
Tensile Strength (Yield)	> 12.4	MPa	ASTM D412
Tensile Elongation (Break)	> 500	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-47.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 26	%	ASTM D2863

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