

# S&E; Wire & Cable GTPO8102/R

Thermoplastic Polyolefin Elastomer

S&E; Specialty Polymers, LLC

Message:

An olefin based insulation and jacketing compound formulated to meet the UL VW-1 Standard and CSA test C22-2 No. 0.6 flame test.

General Information			
Uses	Insulation		
	Wire & Cable Applications		
	Wire Jacketing		
Agency Ratings	CSA C-22-2, No. 0.6 flame test		
	UL VW-1		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	1.0 to 5.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	95		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	13.1	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (200% Strain)	0.0484	MPa	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -25.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+16	ohms · cm	ASTM D229
Dielectric Constant	2.40		ASTM D1531
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

