

S&E; Wire & Cable GTPE-2272ALC

Thermoplastic Elastomer

S&E; Specialty Polymers, LLC

Message:

Flame retardant, matt finish, 90° C, flexible, oil resistant, TPE jacketing material.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Flexibility		
	Oil Resistant		
Uses	Wire & Cable Applications		
Appearance	Matte Finish		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24 to 1.28	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	72		
Shore A, 3 sec	65 to 71		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11.7	MPa	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (121°C, 168 hr)	6.0	%	UL Unspecified
Change in Ultimate Elongation in Air (121°C, 168 hr)	-8.0	%	UL Unspecified
Change in Tensile Strength (100°C, 96 hr, in ASTM #2 Oil)	15	%	UL Unspecified
Change in Ultimate Elongation (100°C, 96 hr, in ASTM #2 Oil)	-16	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-50.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

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