

S&E Specialty Polymers TufGuard E™ GTP08102BA-H-Natural TPO, Flame Retardant

Category : Polymer , Thermoplastic , TPO

Material Notes:

Application: High-flow flame retardant TPO compound for insulation and jacketing designed for ribbon cable applications. The flame retardant package incorporates non-PDBPO, PBB, PBDE flame retardants, which is RoHS and WEEE compliant. The GTP08102BA-H series of products is formulated to meet UL VW-1 testing as well as the CSA test C22-2 No. 0.6 flame test. Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-TufGuard-E-GTP08102BA-H-Natural-TPO-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	95.0	95.0	ASTM D2240
Tensile Strength	>= 12.4 MPa	>= 1800 psi	ASTM D412
Elongation at Break	>= 500 %	>= 500 %	ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-47.0 °C	-52.6 °F	ASTM D746
Oxygen Index	>= 26.0 %	>= 26.0 %	ASTM D2863

Descriptive Properties	Value	Comments
200% Modulus	4.5 lb-f	ASTM D638

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