

S&E Specialty Polymers Tuffill NH™ 2102A PP, Flame Retardant

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant

Material Notes:

Application: A polypropylene based, zero halogen, flame retardant compound with antistatic properties designed for packaging applications. Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-Tuffill-NH-2102A-PP-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D792
Melt Flow	13.0 g/10 min	13.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	16.5 MPa	2390 psi	ASTM D638
Tensile Strength, Yield	23.1 MPa	3350 psi	ASTM D638
Elongation at Break	>= 58.0 %	>= 58.0 %	ASTM D638
Flexural Modulus	1.68 GPa	244 ksi	tangent; ASTM D790
Izod Impact, Notched	0.587 J/cm	1.10 ft-lb/in	ASTM D256
Dart Drop Total Energy	1.44 J/cm	0.00270 ft-lb/mil	ASTM D5420

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	
	@Thickness 1.59 mm	@Thickness 0.0625 in	

Electrical Properties	Metric	English	Comments
Surface Resistance	1.50e+11 ohm	1.50e+11 ohm	ASTM D257

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