

Styrolution Terblend® N NM-21 EF Gray 38058 ABS+PA (Conditioned)

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS)/Nylon Blend , Nylon

Material Notes:

Description: Terblend® N NM-21 EF is an UV stabilized ABS/PA blend combining very high impact strength, even at low temperatures. The enhanced flowability enables excellent processability and surface appearance. Information provided by STYROLUTION, which is a joint venture between BASF and INEOS

Order this product through the following link:

http://www.lookpolymers.com/polymer_Styrolution-Terblend-N-NM-21-EF-Gray-38058-ABSPA-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ISO 1183
Moisture Absorption at Equilibrium	1.3 %	1.3 %	23°C/50% RH; ISO 62
Linear Mold Shrinkage, Flow	0.0070 cm/cm	0.0070 in/in	ISO 2577
Melt Flow	64.2 g/10 min @Load 10.0 kg, Temperature 240 °C	64.2 g/10 min @Load 22.0 lb, Temperature 464 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	103	103	ISO 2039-2
Tensile Strength, Yield	36.0 MPa	5220 psi	ISO 527-1/-2
Elongation at Break	50 %	50 %	Nominal; ISO 527-1/-2
Elongation at Yield	5.0 %	5.0 %	ISO 527-1/-2
Tensile Modulus	1.40 GPa	203 ksi	ISO 527-1/-2
Izod Impact, Notched (ISO)	9.00 kJ/m ² @Temperature -30.0 °C	4.28 ft-lb/in ² @Temperature -22.0 °F	ISO 180/A
	80.0 kJ/m ² @Temperature 23.0 °C	38.1 ft-lb/in ² @Temperature 73.4 °F	ISO 180/A
Charpy Impact Unnotched	NB @Temperature -30.0 °C	NB @Temperature -22.0 °F	ISO 179/1eU
	NB @Temperature 23.0 °C	NB @Temperature 73.4 °F	ISO 179/1eU

Mechanical Properties	Metric	English	Comments
Charpy Impact, Notched	@Temperature -30.0 Â°C	@Temperature -22.0 Â°F	ISO 179/1eA
	8.50 J/cmÂ²	40.4 ft-lb/inÂ²	ISO 179/1eA
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	110 Â°C	230 Â°F	VST/B/50; ISO 306
	200 Â°C	392 Â°F	VST/A/50; ISO 306

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+11 ohm-cm	1.00e+11 ohm-cm	IEC 60093
Dielectric Constant	3.8	3.8	IEC 60250
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dissipation Factor	0.090	0.090	IEC 60250
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 270 Â°C	464 - 518 Â°F	Injection Molding
Mold Temperature	40.0 - 80.0 Â°C	104 - 176 Â°F	Injection Molding

Descriptive Properties	Value	Comments
Color	Gray 38058	
Commercial Status	Europe	
Primary Processing Technique	Injection Molding and Extrusion	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China