

Noble Polymers Ecobarrier™ 0918 Thermoplastic Olefin (TPO)

Category : Polymer , Thermoplastic , Elastomer, TPE , Olefinic TPE , Thermoplastic Olefinic Elastomer (TPO) , TPO

Material Notes:

Ecobarrier is a TPO (thermoplastic olefin) produced by Noble Polymers based on olefin/elastomer compounding. Ecobarrier is primarily used as a sound barrier material in low heat applications. Information provided by Noble Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Noble-Polymers-Ecobarrier-0918-Thermoplastic-Olefin-TPO.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.82 g/cc	1.82 g/cc	ASTM D792
Melt Flow	19.35 g/10 min @Load 2.16 kg, Temperature 230 °C	19.35 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength at Break	2.95 MPa	428 psi	ASTM D412
Elongation at Break	132 %	132 %	ASTM D412
2% Secant Modulus	0.05904 GPa	8.563 ksi	ASTM D790
Tear Strength	42.72 kN/m	243.7 pli	ASTM D624

Processing Properties	Metric	English	Comments
Middle Barrel Temperature	191 - 218 °C	375 - 425 °F	
Ejection Temperature	26.7 - 54.4 °C	80.0 - 130 °F	Water Temperature

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