

DSM Arnite® B600SE PBT FR

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), Flame Retardant

Material Notes:

Flame Retardant

Order this product through the following link:

http://www.lookpolymers.com/polymer_DSM-Arnite-B600SE-PBT-FR.php

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	60.0 MPa	8700 psi	ISO 527-1/-2
Elongation at Break	4.0 %	4.0 %	ISO 527-1/-2
Tensile Modulus	3.00 GPa	435 ksi	ISO 527-1/-2
Charpy Impact Unnotched	2.40 J/cm ² @Temperature 23.0 °C	11.4 ft-lb/in ² @Temperature 73.4 °F	ISO 179/1eU
Charpy Impact, Notched	0.200 J/cm ² @Temperature 23.0 °C	0.952 ft-lb/in ² @Temperature 73.4 °F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	145 °C	293 °F	ISO 75-1/-2
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	ISO 75-1/-2
Flammability, UL94	V-0 @Thickness 3.20 mm	V-0 @Thickness 0.126 in	IEC 60695-11-10

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