

Wellman Wellamid® FR1841-BK1 Nylon 66, Unfilled, Flame Retardant

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Unreinforced, Flame Retardant

Material Notes:

All information provided by Wellman Engineered Resins.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wellman-Wellamid-FR1841-BK1-Nylon-66-Unfilled-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Density	1.38 g/cc	0.0499 lb/in ³	ISO 1183-87
Linear Mold Shrinkage, Flow	0.015 - 0.019 cm/cm	0.015 - 0.019 in/in	DIS 294-4
Linear Mold Shrinkage, Transverse	0.016 - 0.020 cm/cm	0.016 - 0.020 in/in	DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	55.0 MPa	7980 psi	ISO 527-93
Elongation at Break	10 %	10 %	ISO 527-93
Flexural Strength	90.0 MPa	13100 psi	ISO 178-93
Flexural Modulus	3.00 GPa	435 ksi	ISO 178-93
Izod Impact, Notched (ISO)	3.50 kJ/m ²	1.67 ft-lb/in ²	ISO 180-93

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ISO 3146
Deflection Temperature at 1.8 MPa (264 psi)	80.0 °C	176 °F	ISO 75-93
Flammability, UL94	V-0 @Thickness 0.790 mm	V-0 @Thickness 0.0311 in	

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