

Formosa Plastics Formolon® AWS Compound

Category : Polymer

Material Notes:

AWS Powder Profiler Compound Series The AWS compounds have been designed for profile extrusion in indoor and non-weatherable applications and substrates for outdoor applications. They exhibit a natural color and exceptional processing properties for high rate profile extrusion. Information provided by Formosa Plastics Corporation, USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Formosa-Plastics-Formolon-AWS-Compound.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	41.4 MPa	6000 psi	ASTM D638
Tensile Modulus	2.41 GPa	350 ksi	ASTM D638
Flexural Yield Strength	68.9 MPa	10000 psi	ASTM D790
Flexural Modulus	2.41 GPa	350 ksi	ASTM D790
Izod Impact, Notched	1.60 J/cm @Thickness 3.17 mm, Temperature 23.0 °C	3.00 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	71.0 °C	160 °F	ASTM D648

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