

Alpha PVC FMPP

Flexible Polyvinyl Chloride

AlphaGary

Message:

ALPHAGARY PVC FMPP IS A FLEXIBLE COMPOUND DESIGNED FOR HIGH SPEED EXTRUSION OF COATED YARN USED IN THE CASUAL FURNITURE INDUSTRY. THIS MATERIAL WAS ENGINEERED TO WITHSTAND THE ABUSES OF OUTDOOR WEATHERING SUCH AS ULTRAVIOLET EXPOSURE AND ATTACK BY MOISTURE AND MILDEW. IT PROVIDES GOOD STRENGTH, ABRASION RESISTANCE AND LOW TEMPERATURE PROPERTIES. OTHER POSSIBLE APPLICATIONS INCLUDE WIRE FENCE COATING AND AUTOMOTIVE HARNESS CABLE COATING.

General Information			
Features	Good Abrasion Resistance Good Strength Good UV Resistance Good Weather Resistance Low Temperature Strength Mildew Resistant Moisture Resistant		
Uses	Coating Applications Furniture Yarn		
RoHS Compliance	Contact Manufacturer		
Appearance	Clear/Transparent Colors Available Grey		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20 to 1.24	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec, 6.35 mm)	80 to 86		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant (1.91 mm)	11.0	MPa	ASTM D638
Tensile Strength (1.91 mm)	17.9	MPa	ASTM D638
Tensile Elongation (Break, 1.91 mm)	250	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	59.5	kN/m	ASTM D1004
Thermal	Nominal Value	Unit	Test Method

Brittleness Temperature	-27.0	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Melt Temperature	166 to 177	°C	
NOTE			

1. Graves

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