



No Minimum Order Quantity
No Lead Times to Ship

COPEnhance™ 72A11 HS UV

COPEnhance™ 72A11 HS UV is a Heat and UV stabilized flexible thermoplastic copolyester elastomer resin with a Shore 71A hardness, exhibiting outstanding low temperature, oil and heat resistance.

Physical Properties	Metric	English	Comments (Standards/Test Method?)
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792
Water Absorption	0.3 % @ Temperature 23.0 °C, Time 86,400 sec	0.3 % Temperature 73.4 °C, Time 24.0 hours	
Max Moisture Content - Injection Molding	0.1	0.1	
Melt Flow	34 +/-3 g/10 min @ Load 2.16 kg Temperature 230°C	34 +/-3 @ Load 4.76 lbs Temperature 446°F	ASTM D1238
Mechanical Properties			
Hardness, Shore A (15 sec)	71	71	ASTM D 2240
Tensile Strength at Break	19.1 MPa	2773 PSI	ASTM D638
Elongation at Break	400%	400%	ASTM D638
Izod Impact, Notched	0.49 J/cm (-40C ⁰)	0.918 ft-lb/in (-40C ⁰)	ASTM D256
	1.47 J/cm (23C ⁰)	2.76 ft-lb/in (23C ⁰)	ASTM D256
Tear Strength	70 kN/m	399 pli	ASTM D624

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