

Advanced Polymer Alloys DURACRYN 8060 NC/BK Thermoplastic Rubber

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO)

Material Notes:

Information provided by Advanced Polymer Alloys

Order this product through the following link:

http://www.lookpolymers.com/polymer_Advanced-Polymer-Alloys-DURACRYN-8060-NCBK-Thermoplastic-Rubber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 g/cc	1.17 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	51	51	Time of 15 seconds; ASTM D2240
	59	59	Instantaneous; ASTM D2240
Tensile Strength, Ultimate	10.3 MPa	1500 psi	ASTM D412
Elongation at Break	420 %	420 %	ASTM D412
100% Modulus	0.00276 GPa	0.400 ksi	ASTM D412
Graves Tear Strength	28.0 kN/m	160 pli	Die C; ASTM D624
Compression Set	64 %	64 %	Method B, 22 hours; ASTM D395
	@Temperature 70.0 °C	@Temperature 158 °F	
Tensile Set	9.0 %	9.0 %	ASTM D412

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