

Karina E 4048/1-TRE Kariprene Black

Category : Polymer , Thermoplastic

Material Notes:

Thermoplastic rubber compound, recommended for injection of footwear soles. Information provided by Karina Indústria e Comércio de Plásticos Ltda.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Karina-E-40481-TRE-Kariprene-Black.php

Physical Properties	Metric	English	Comments
Density	1.01 - 1.07 g/cc	0.0365 - 0.0387 lb/in ³	ASTM D 792
ASTM Color	-0.890 - 0.71	-0.890 - 0.71	Color A, ME 12
	-0.180 - 1.42	-0.180 - 1.42	Color B, ME 12
	27.47 - 29.07	27.47 - 29.07	Color L, ME 12

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	37 - 43	37 - 43	ASTM D 2240
	@Time 15.0 sec	@Time 0.00417 hour	
	58	58	After Injection Molding; ASTM D 2240
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength	>= 2.94 MPa	>= 427 psi	ASTM D 638
Elongation at Break	>= 350 %	>= 350 %	ASTM D 638
Tear Strength	>= 15.0 kN/m	>= 85.6 pli	DIN 53507
Abrasion	<= 300	<= 300	mm ³ ; DIN 53516

Descriptive Properties	Value	Comments
Application	General Purpose Soles	

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