

Karina E 5525/1-TRE Kariprene Natural.

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-55251-TRE-Kariprene-Natural.php

Physical Properties	Metric	English	Comments
Density	1.02 - 1.08 g/cc	0.0368 - 0.0390 lb/in ³	ASTM D 792
ASTM Color	-2.02 - 0.98	-2.02 - 0.98	ASTM A, ME 12
	0.050 - 3.05	0.050 - 3.05	ASTM B, ME 12
	87.8 - 90.8	87.8 - 90.8	ASTM L, ME 12

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	52 - 58	52 - 58	ASTM D 2240
	@Time 15.0 sec	@Time 0.00417 hour	
	68	68	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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