

Braskem Evateno® 3019 PE EVA Foam Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Evateno® 3019 PE is a copolymer of Ethylene-Vinyl Acetate (EVA) with medium vinyl-acetate content. Evateno® 3019 PE is an easy processing and crosslinkable product with high compatibility with other thermoplastic and elastomeric resins, and inorganic fillers. It offers elasticity, high environmental stress cracking resistance (ESCR), flexibility, and fatigue resistance. Crosslinked and/or expanded parts form several applications including: compounds for the footwear (sole, insoles, etc), toys, and gifts industry; and blends with polyethylene for film production, hot-melt adhesives formulation, and modified asphalts.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-Evateno-3019-PE-EVA-Foam-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ASTM-D1505 / ASTM-D792
ESCR 100% Igepal®	>= 300 hour @Thickness 2.00 mm, Temperature 50.0 °C	>= 300 hour @Thickness 0.0787 in, Temperature 122 °F	0.3 mm notched-plaques; ASTM-D1693
Vinyl Acetate Content	19 %	19 %	
Melt Flow	2.5 g/10 min @Load 2.16 kg, Temperature 190 °C	2.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM-D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	ASTM-D2240
Hardness, Shore D	30	30	ASTM-D2240

Thermal Properties	Metric	English	Comments
Melting Point	86.0 °C	187 °F	ASTM-D3418
Vicat Softening Point	60.0 °C @Load 1.02 kg	140 °F @Load 2.25 lb	ASTM-D1525

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