

Braskem EVA VA4018R

Ethylene Vinyl Acetate Copolymer

Braskem

Message:

VA4018R is a resin based on ethylene-vinyl acetate copolymer. The product is easily cross- linkable and also shows high compatibility with other thermoplastics resins, inorganic fillers and pigments. Compositions with VA4018R show high flexibility and fatigue resistance. Cross-linked compound has outstanding abrasion resistance and has a high friction coefficient. Additives Thermal Stabilizer: antioxidant

Application:

VA4018R can be used in a variety of applications involving expanded and/or cross linked parts for footwear, toys, sportswear.

General Information			
Additive	Antioxidation		
Features	High Flexibility		
	High Friction		
	Copolymer		
	Antioxidation		
	Crosslinkable		
	Good wear resistance		
	Fatigue resistance		
Uses	Sporting goods		
	Toys		
	Footwear		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm ³	ASTM D792, ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Vinyl Acetate Content	18.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, Compression Molded)	69		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	70.0	°C	ASTM D1525 ¹
Peak Melting Temperature	72.0	°C	ASTM D3418
NOTE			

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