

Arkema Group LOTRYL® 35 BA 320 Copolymer Ethylene - Butyl Acrylate

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

LOTRYL® 35 BA 320 is a random copolymer of ethylene and butyl acrylate, prepared by the high pressure polymerization process. Co-monomer content is 35% in weight. LOTRYL® 35 BA 320 is particularly recommended for the formulation of hot melt adhesives. Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-LOTRYL-35-BA-320-Copolymer-Ethylene-Butyl-Acrylate.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in³	ISO 1183
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Butyl Acrylate Content	26 - 35 %	26 - 35 %	IRTF (internal)
Melt Index of Compound	32 - 37 g/10 min	32 - 37 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	52	52	ASTM D2240
Tensile Strength at Break	1.50 MPa	218 psi	ASTM D638
Elongation at Break	200 %	200 %	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	65.0 °C	149 °F	DSC
Vicat Softening Point	<= 40.0 °C	<= 104 °F	ASTM D1525
	@Load 1.02 kg	@Load 2.25 lb	
Ring & Ball Softening Point	85.0 °C	185 °F	ASTM E28

Processing Properties	Metric	English	Comments
Processing Temperature	<= 300 °C	<= 572 °F	

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