

Arkema Group LOTRYL® 7 BA 01 Copolymer Ethylene - Butyl Acrylate

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

LOTRYL® 7 BA 01 is a random copolymer of ethylene and butyl acrylate, prepared by the high pressure polymerization process. LOTRYL® 7 BA 01 is used for film coextrusion and lamination where sealability is required. Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-LOTRYL-7-BA-01-Copolymer-Ethylene-Butyl-Acrylate.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc @Temperature 23.0 °C	0.0336 lb/in³ @Temperature 73.4 °F	ISO 1183
Butyl Acrylate Content	6.0 - 8.0 %	6.0 - 8.0 %	IRTF (internal)
Melt Index of Compound	1.0 - 1.5 g/10 min @Load 2.16 kg, Temperature 190 °C	1.0 - 1.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	42	42	ASTM D2240
Tensile Strength at Break	17.0 MPa	2470 psi	ASTM D638
Elongation at Break	700 %	700 %	ASTM D638
Flexural Modulus	0.0850 GPa	12.3 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	107 °C	225 °F	DSC
Vicat Softening Point	86.0 °C @Load 1.02 kg	187 °F @Load 2.25 lb	ASTM D1525

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

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