

# ALCUDIA® EBA PA-20020

Ethylene Butyl Acrylate Copolymer  
REPSOL

Message:

EBA ALCUDIA® PA-20020 offers excellent flexibility and is suitable for injection moulding. The butyl acrylate content is 20%. It contains antioxidant and free flowing agent.

TYPICAL APPLICATIONS

Injection moulding

Blends: microcrystalline and paraffin waxes

Modification of asphalts

Recommended melt temperature 180°C. EBA copolymers exhibit excellent thermal stability, which allows higher processing temperatures if needed.

Processing characteristics of PA-20020 are similar to LDPE and conventional polyethylene extruders are recommended. Processing conditions should be optimised for each production line.

General Information			
Additive	Antioxidant		
	Free Flowing Agent		
Features	Antioxidant		
	Food Contact Acceptable		
	Good Flexibility		
Uses	Asphalt Modification		
	Blending		
Agency Ratings	EU Food Contact, Unspecified Rating		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.925	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ISO 1133
n-Butyl Acrylate Content	20.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A	87		
Shore D	30		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	8.00	MPa	ISO 527-2
Tensile Strain (Break)	720	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	52.0	°C	ISO 306/A
Melting Temperature	89.0	°C	
Injection	Nominal Value	Unit	

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#### Recommended distributors for this material

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