

ALCUDIA® EBA PA-24004

Ethylene Butyl Acrylate Copolymer
REPSOL

Message:

EBA ALCUDIA® PA-24004 is recommended for injection moulding and blends with other products like waxes or mineral fillers. The butyl acrylate content is 24%. It contains antioxidant and free flowing agent.

EBA ALCUDIA® PA-24004 fulfils the food contact regulations in most countries. For further information or certificates, contact our Customer Service Offices.

APPLICATIONS

Injection moulding

Blends with waxes

Manufacture of masterbatches

Microcellular foams

Extrusion of profiles and sheets with high flexibility

Recommended melt temperature range is 160 to 180°C. EBA copolymers exhibit excellent thermal stability, which allows higher processing temperatures if needed. Processing characteristics of PA-24004 are similar to LDPE and conventional Polyethylene extruders are recommended.

General Information			
Additive	Antioxidant		
	Free Flowing Agent		
Features	Antioxidant		
	Food Contact Acceptable		
	Good Flexibility		
	Good Thermal Stability		
Uses	Blending		
	Foam		
	Masterbatch		
	Profiles		
	Sheet		
Processing Method	Injection Molding		
	Profile Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.928	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ISO 1133
n-Butyl Acrylate Content	24.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A	83		

Shore D	23		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	9.00	MPa	ISO 527-2
Tensile Strain (Break)	820	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	47.0	°C	ISO 306/A
Melting Temperature	83.0	°C	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	160 to 180	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

