



ALCUDIA®  
EBA Copolymer

# EBA ALCUDIA® PA-1715

## DESCRIPTION

EBA copolymer ALCUDIA® PA-1715 is a copolymer suitable for general extrusion, injection moulding and blown film applications where good processability, flexibility and very good mechanical properties are required. The butyl acrylate content is 17%. It contains antioxidant additives.

EBA ALCUDIA® PA-1715 fulfils the food contact regulations in most countries. For further information or certificates, contact our Customer Service Offices.

## APPLICATIONS

- Extrusion (profiles, sheets)
- Injection moulding
- Microcellular foams
- Blown film
- Stretch films for wrapping bales

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-1715 are similar to LDPE and conventional Polyethylene extruders are recommended.

PROPERTIES	TEST METHOD	UNITS	VALUE
<b>General</b>			
Melt Flow Rate (190°C, 2.16kg)	ISO 1133	g/10 min	1.5
Butyl Acrylate content	Internal	%	17
Density at 23°C	ISO 1183	kg/m <sup>3</sup>	926
Vicat softening temperature (load 10 N)	ISO 306	°C	68
Melting Temperature	Internal	°C	95
<b>Mechanical</b>			
Shore Hardness A/D	ISO 868	--	90/31
<b>Film (1)</b>			
Dart drop (F <sub>50</sub> )	ISO 7765-1	g	610
Tear resistance (Elmendorf) (MD/TD)	ISO 6483-2	kN/m	20/80
Tensile stress at break (MD/TD)	ISO 527-3	Mpa	18/20
Elongation at break (MD/TD)	ISO 527-3	%	650/620
Coefficient of Friction	ISO 8295	--	1.9

(1) 50 µm thickness film, blow up ratio 1:2.5, frost line height 50 cm.

Typical values, not to be construed as specifications. Users should confirm results by their own tests.

## STORAGE

EBA ALCUDIA® PA-1715 should be stored in dry conditions, drained and not flooded area at temperatures below 60°C and protected from UV radiation. Storage under improper conditions could trigger off degradation processes, negatively influencing processability and the properties of the transformed product.

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This information is offered in good faith and meant only as a guide. The transformer or user will be, in each case, responsible for the processing conditions and the final use of the product. Freedom under patents, copyright and registered designs cannot be assumed.

**Head Offices:**  
P.º de la Castellana, 280  
28046 Madrid  
Spain  
[www.repsolypf.com/quimica](http://www.repsolypf.com/quimica)  
e-mail: [quimica@repsolypf.com](mailto:quimica@repsolypf.com)

**TS & Development:**  
Tel. +34 - 91 348 86 00  
Fax.: +34 - 91 530 45 17  
e-mail: [atdquimica@repsolypf.com](mailto:atdquimica@repsolypf.com)  
Ctra. de Extremadura, km 18  
28931 Móstoles, Madrid  
Spain

**Customer Service in Europe:**  
UK, Ireland, Scandinavia: Tel.: 44 - 20 7581 0300  
France, Benelux: Tel.: 33 (0) 146 965 102  
Germany, Austria, Switzerland: Tel.: 49 - 69 610 93 20  
Italy: Tel.: 39 - 02 40 933 92 05  
Spain: Tel.: 34 - 91 348 82 54  
Portugal: Tel.: 800 55 55 55 11  
Other Countries: Tel.: 34 - 91 348 90 84

**e-mail:**  
[sac.uk@repsolypf.com](mailto:sac.uk@repsolypf.com)  
[sac.france@repsolypf.com](mailto:sac.france@repsolypf.com)  
[sac.deutschland@repsolypf.com](mailto:sac.deutschland@repsolypf.com)  
[sac.italy@repsolypf.com](mailto:sac.italy@repsolypf.com)  
[sac.quimica@repsolypf.com](mailto:sac.quimica@repsolypf.com)  
[sac.portugal@repsolypf.com](mailto:sac.portugal@repsolypf.com)  
[sac.quimica@repsolypf.com](mailto:sac.quimica@repsolypf.com)