



LOTRYL®

COPOLYMERS ETHYLENE - ACRYLIC ESTER



Let's progress
TOGETHER



Bases	Grades	Specified properties*		Melting point (°C)	Vicat Point (°C)	Ring and ba temperature (°C)
		Ester content (%)	Melt index (g/10 min)			
E B A	7 BA 01	6 - 8	1.0 - 1.5	107	86	-
	17 BA 04	16 - 19	3.5 - 4.5	93	60	-
	17 BA 07	16 - 19	6.5 - 8.0	89	58	-
	28 BA 175	26 - 30	150 - 200	80	40	94
	30 BA 02	27 - 32	1.5 - 2.5	78	41	>190
	35 BA 40	32 - 37	35 - 45	66	< 40	110
	35 BA 320	32 - 37	260 - 350	65	< 40	85
E M A	9 MG 02	8 - 11	1.8 - 2.6	99	77	-
	14 MGC 02	12 - 15	2 - 3	92	65	-
	15 MA 03	13 - 17	2.3 - 3.3	89	59	-
	16 MA 003	14 - 18	0.25 - 0.35	88	64	-
	18 MA 02	17 - 20	2 - 3	83	53	-
	20 MA 08	19 - 22	7 - 9	80	46	-
	20 MBG 08	18 - 21	7 - 9	80	48	-
	24 MA 005	23 - 26	0.4 - 0.6	72	45	-
	28 MA 07	26 - 30	6 - 8	65	< 40	150
	29 MA 03	27 - 31	2.0 - 3.5	61	< 40	175
E H A	37EH175	35 - 39	150 - 200	73	< 40	93
	37EH550	35 - 39	450 - 650	72	< 40	82
Test Method		FTIR	ASTM D 1238	D.S.C.	ASTM D 1525	ASTM E 2
ISO STANDARD		8985	1133	11357.01	306	

(* Properties routinely measured during the standard quality control procedure.

Typical properties							
Type	Tensile strength at break (Mpa)	Elongation at break (%)	Flexural modulus (MPa)	Hardness		Density (g/cm³)	Films
				Shore A	Shore D		
	17	700	85	-	42	0,93	●
	15	700	45	-	32	0.93	●
	14	700	40	-	30	0.93	●
	3	750	23	80	-	0.93	
	6	850	9	75	-	0.93	●
	2	300	-	70	-	0.93	
	1.5	200	-	52	-	0.93	
	16	750	88.5		38	0.93	●
	15	800	77	93	30	0.94	●
	14	700	50		29	0.94	●
	20	650	60		35	0.94	●
	13	700	50		25	0.96	●
	9	800	20	83	-	0.94	●
	10	800	20	83	-	0.94	●
	17	750	18	84	-	0.94	●
	7	900	10	76	-	0.95	●
	6	900	8	75	-	0.95	●
	2	100	5	71	-	0.91	
	1.5	50	6	62	-	0.91	
8	ASTM D 638		ASTM D 790	ASTM D 2240		ASTM D 1505	
	R 527		178	868		R 1183	

Main applications

Sheets	Coating	Hygiene	Hot melts	Compounds		Foams	Profiles
				Cables	Others		
		●					●
	●	●		●	●	●	●
	●	●	●	●	●	●	
●		●		●	●		●
		●	●		●	●	
		●	●		●		●
		●			●		●
	●	●		●	●	●	●
●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●
	●	●	●	●	●	●	●
		●	●				
			●				

MG - MBG: antiblock + slip agents

Product form and packaging

LOTRYL® grades are supplied in pellet form. LOTRYL® is packaged in 25 kg PE bags and delivered on pallets (1.375 kg net.). Others types of packaging could be offered upon request.

Safety data sheets

In order to use our products safely, please consult LOTRYL® safety data sheets.

Food status

The composition of LOTRYL® products usually complies with the requirements of European and American regulations for their use in food contact:

- E.C.: Directive 2002/72 for monomers and additives.
- Belgium, France, Italy, The Netherlands, Spain (for both types EBA and EMA).
- Germany: Bg VV Empfehlung XXXV (for EBA - Copolymer with Ba content > 20%)
Mischpolymeriesate aus Äthylen, Propylen, Vinylestern und ungesättigten aliphatischen Säuren sowie deren Salzen und Estern.
- USA: FDA 21 CFR § 175/105 "Adhesives"
§ 177-1340 "Ethylene methacrylate copolymer resins" (only 9 MA 02, 14 MGC 02, 15 MA 03, 16 MA 003, 18 MA 02, 20 MA 08, 20 MB 08 and 24 MA 005).

Due to the evolution of regulations or existing specific restrictions, it is necessary before any usage in food contact to request the related certificates from our commercial representatives. However, we point out that is the duty of the end user to check, in accordance with professional practice, the reciprocal compatibility of the material and the packed foodstuffs and also that organoleptic characteristics of the latter remain constant.

A global chemical player, Arkema consists of 3 coherent and related business segments:

- Vinyl Products: Chlorochemicals and PVC, Vinyl Compounds, Pipes and Profiles (Alphacan),
- Industrial Chemicals: Acrylics, PMMA (Altuglas International), Thiochemicals, Fluorochemicals, Hydrogen Peroxide,
- Performance Products: Technical Polymers, Specialty Chemicals (Ceca), Organic Peroxides, Additives, Urea Formaldehyde Resins, Agrochemicals (Cerexagri).

Present in over 40 countries with 18,400 employees, Arkema achieves sales of 5.7 billion euros.

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Arkema
4/8, cours Michelet - 92800 Puteaux (France)
Tel.: 33 (1) 49 00 80 80 - Fax: 33 (1) 49 00 83 96
www.arkema.com

www.lotryl.com