

# Lotryl® BESTPEEL 2407

Ethylene Methyl Acrylate Copolymer

Arkema

## Message:

LOTRYL® BESTPEEL 2407 is a ready-to-use thermoplastic composition designed to make peelable heat seal layers onto various substrates. The base resin is a random copolymer of ethylene and methyl acrylate, polymerized by high-pressure process in autoclave reactor. Modification is introduced to ensure the best processability in the different film technologies, and the suitable properties in heat sealing and peeling.

### Applications

LOTRYL® BESTPEEL 2407 is used as top layer of laminates in order to provide the functions of heat sealability onto various substrates like PP, PS, PET and PVC, and easy opening by interfacial peeling.

LOTRYL® BESTPEEL 2407 is easily processed using the technologies of coextrusion coating, cast film coextrusion, blown film coextrusion or sheet coextrusion, to produce multilayers that can be used as lids, either directly or after lamination with other films.

General Information			
Features	Autoclavable		
	Good Heat Seal		
	Good Processability		
	Random Copolymer		
Uses	Film		
	Laminates		
	Lids		
	Seals		
	Sheet		
Processing Method	Blown Film		
	Cast Film		
	Coating		
	Coextruded Film		
	Coextrusion		
	Extrusion Coating		
Physical	Sheet Extrusion		
	Nominal Value	Unit	Test Method
	Density	0.940	g/cm <sup>3</sup> ISO 1183, ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)		6.0 to 8.0	g/10 min ASTM D1238, ISO 1133
Methyl Acrylate Content		23.0 to 25.0	wt%
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, Compression Molded)		79	ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			

Break	6.00	MPa	ASTM D638
Break, Compression Molded	6.00	MPa	ISO 527-2
Tensile Elongation (Break, Compression Molded)	750	%	ASTM D638, ISO 527-2
Flexural Modulus (Compression Molded)	10.0	MPa	ASTM D790, ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	< 40.0	°C	ISO 306/A, ASTM D1525 <sup>1</sup>
Melting Temperature	69.0	°C	ISO 11357-3
NOTE			

1. Loading 1 (10 N)

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