

AGILITY™ EC 7220 Performance LDPE

Low Density Polyethylene Resin

The Dow Chemical Company

Message:

AGILITY™ EC 7220 Performance LDPE is a high melt strength LDPE, designed for the foam industry. This resin enables the stable production of very low density foams. It can be used both in crosslinked and non-crosslinked products.

Complies with:

Europe Commission Regulation (EU) No 10/2011.

U.S. FDA 21 CFR 177.1520(c)2.1.

Consult the regulations for complete details.

General Information			
Agency Ratings	FDA 21 CFR 177.1520(c) 2.1		
	Europe No 10/2011		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.918	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Compression Molded)	52		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, Compression Molded)	13.7	MPa	ISO 527-2
Tensile Elongation (Break, Compression Molded)	540	%	ISO 527-2
Flexural Modulus (Compression Molded)	230	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	90.0	°C	ASTM D1525
Extrusion	Nominal Value	Unit	
Melt Temperature	108	°C	

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