

Technical Data Sheet



Alcryn ALR 7227

Melt Processable Rubber
LyondellBasell Industries
Engineering Plastics

Product Description

Alcryn® ALR 7227 MPR is a black specialty material for Wire & Cable Jacketing applications that require improved low temperature performance and a non-phthalate plasticizer system.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• Non-Phthalate Plasticizer		
Uses	• Wire & Cable Applications		
Forms	• Pellets		
Processing Method	• Extrusion		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.22	1.21 g/cm ³	ASTM D792
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Set	10 %	10 %	ASTM D412
Tensile Stress (100% Strain)	560 psi	3.86 MPa	ASTM D412
Tensile Strength (Break)	1330 psi	9.17 MPa	ASTM D412
Tensile Elongation (Break)	250 %	250 %	ASTM D412
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A)	66	66	ASTM D2240
Fill Analysis	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Viscosity (374°F (190°C), 300 sec ⁻¹)	681 Pa·s	681 Pa·s	ASTM D3835

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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