

Technical Data Sheet



Alcryn ALR 7958

Melt Processable Rubber
LyondellBasell Industries
Engineering Plastics

Product Description

Alcryn® ALR 7958 MPR is a black material that has a 78 shore A hardness, greater than 1800 psi tensile strength and is black in color.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Uses	• General Purpose	• Wire & Cable Applications	
Appearance	• Black		
Forms	• Pellets		
Processing Method	• Extrusion		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.26	1.26 g/cm ³	ASTM D792
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (100% Strain)	1220 psi	8.38 MPa	ASTM D412
Tensile Strength	1810 psi	12.5 MPa	ASTM D412
Tensile Elongation (Break)	190 %	190 %	ASTM D412
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A)	78	78	ASTM D2240
Fill Analysis	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Viscosity (374°F (190°C), 300 sec ⁻¹)	894 Pa·s	894 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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