

Technical Data Sheet

**Alcryn ALR 7930BK-NP5**

Melt Processable Rubber
LyondellBasell Industries
Engineering Plastics

Product Description

THIS IS A PRELIMINARY TDS.

Alcryn® ALR 7930BK-NP MPR is a non-phthalate, flame retardant material. It was developed specifically for the Wire & Cable jacketing market.

General

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

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.35	1.35 g/cm ³	ASTM D792
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress ¹ (100% Strain)	685 psi	4.72 MPa	ASTM D412
Tensile Strength ¹	1270 psi	8.78 MPa	ASTM D412
Tensile Elongation (Break)	420 %	420 %	ASTM D412
Tear Strength ²	221 lbf/in	38.7 kN/m	ASTM D624
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A)	74	74	ASTM D2240
Fill Analysis	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Viscosity (374°F (190°C), 295 sec ^A -1)	665 Pa·s	665 Pa·s	ASTM D3835

Notes

¹ 20 in/min (500 mm/min)

² Die C

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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