

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

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 ⁻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.