

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

Features	• Non-Phthalate Plasticizer
Uses	• Wire & Cable Applications
RoHS Compliance	• RoHS Compliant
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.