

Technical Data Sheet

**Alcryn® ALR 7779**

Melt Processable Rubber  
Engineering Plastics



**Product Description**

Alcryn® ALR 7779 MPR is a flame retardant material that has a 79 shore A hardness, greater than 1400 psi tensile strength and is natural in color. The material has excellent chemical resistance and low temperature flexibility. ALR 7779 is designed for the extrusion process, specifically for Wire & Cable Jacketing applications.

**General**

Features	• Flame Retardant
Uses	• Wire & Cable Applications
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Extrusion

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.43	1.43 g/cm <sup>3</sup>	ASTM D792
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (100% Strain)	750 psi	5.17 MPa	ASTM D412
Tensile Strength	1400 psi	9.65 MPa	ASTM D412
Tensile Elongation (Break)	400 %	400 %	ASTM D412
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A)	77	77	ASTM D2240
Fill Analysis	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Viscosity (374°F (190°C), 300 sec <sup>-1</sup> )	820 Pa·s	820 Pa·s	ASTM D3835

**Notes**

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