

Technical Data Sheet

# Alcryn ALR FRC

Melt Processable Rubber  
LyondellBasell Industries  
Engineering Plastics

General			
Additive	<ul style="list-style-type: none"> <li>Flame Retardant</li> </ul>		
Features	<ul style="list-style-type: none"> <li>Flame Retardant</li> <li>Good Weather Resistance</li> </ul>	<ul style="list-style-type: none"> <li>Heat Aging Resistant</li> <li>Oil Resistant</li> </ul>	<ul style="list-style-type: none"> <li>Ozone Resistant</li> </ul>
Uses	<ul style="list-style-type: none"> <li>Cable Jacketing</li> <li>Conveyor Parts</li> <li>Fabric Coatings</li> </ul>	<ul style="list-style-type: none"> <li>Gaskets</li> <li>Hose</li> <li>Seals</li> </ul>	<ul style="list-style-type: none"> <li>Sheet</li> <li>Tubing</li> <li>Wire Jacketing</li> </ul>
Agency Ratings	<ul style="list-style-type: none"> <li>EU 2002/96/EC (WEEE)</li> </ul>		
RoHS Compliance	<ul style="list-style-type: none"> <li>RoHS Compliant</li> </ul>		
Appearance	<ul style="list-style-type: none"> <li>Colors Available</li> </ul>		
Forms	<ul style="list-style-type: none"> <li>Pellets</li> </ul>		
Processing Method	<ul style="list-style-type: none"> <li>Calendering</li> </ul>	<ul style="list-style-type: none"> <li>Extrusion</li> </ul>	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	2.50	2.49 g/cm <sup>3</sup>	ASTM D792
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (100% Strain)	770 psi	5.31 MPa	ASTM D412
Tensile Strength (Yield)	1400 psi	9.65 MPa	ASTM D412
Tensile Elongation (Break)	310 %	310 %	ASTM D412
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness			ASTM D2240
Shore A, 0.0750 In (1.91 Mm)	77	77	
Electrical	Nominal Value (English)	Nominal Value (SI)	Test Method
Volume Resistivity	2.7E+11 ohms·cm	2.7E+11 ohms·cm	ASTM D257
Dielectric Strength	730 V/mil	29 kV/mm	ASTM D149
Dielectric Constant (0.0250 In (0.635 Mm))	5.73	5.73	ASTM D150
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.05 In (1.3 Mm))	V-0	V-0	UL 94
Oxygen Index	30 %	30 %	ASTM D2863

**Notes**

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