

# Alcryn® ALR FRC2

Melt Processable Rubber

Advanced Polymer Alloys

## Message:

Alcryn® ALR FRC2 is a Melt Processable Rubber (MPR) material. It is available in Asia Pacific, Europe, or North America for calendering or extrusion.

Important attributes of Alcryn® ALR FRC2 are:

Flame Rated

RoHS Compliant

WEEE Compliant

Flame Retardant

Chemical Resistant

Typical applications include:

Hose/Tubing

Wire & Cable

Coating Applications

Conveyors

Engineering/Industrial Parts

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Heat Aging Resistance		
	Good Weather Resistance		
	Oil Resistant		
	Ozone Resistant		
Uses	Cable Jacketing		
	Conveyor Parts		
	Fabric Coatings		
	Gaskets		
	Hose		
	Seals		
	Sheet		
	Tubing		
	Wire Jacketing		
Agency Ratings	EU 2002/96/EC (WEEE)		
RoHS Compliance	RoHS Compliant		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Calendering		
	Extrusion		
Physical	Nominal Value	Unit	Test Method

Specific Gravity	2.49	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 1.91 mm)	77		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	5.31	MPa	ASTM D412
Tensile Strength (Yield)	9.65	MPa	ASTM D412
Tensile Elongation (Break)	310	%	ASTM D412
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	2.7E+11	ohms·cm	ASTM D257
Dielectric Strength	29	kV/mm	ASTM D149
Dielectric Constant (0.635 mm)	5.73		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.27 mm)	V-0		UL 94
Oxygen Index	30	%	ASTM D2863

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

