

## Advanced Polymer Alloys Alcryn® 2095 BK Melt Processable Rubber

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processable Rubber

### Material Notes:

Alcryn melt-processable rubber (MPR) is a true rubber, based on a partially cross-linked, chlorinated olefin interpolymer alloy. Alcryn is designed for the manufacture of rubber parts with high productivity on thermoplastic processing equipment. Applications: Window and door weatherstripping (and other complex profile extrusions) Soft handles and grips Molded seals and gaskets Injection-molded and co-injection molded parts Blow-molded parts Tubing and hose Wire and cable jackets Coated fabrics and sheet goods Information provided by Advanced Polymer Alloys

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Advanced-Polymer-Alloys-Alcryn-2095-BK-Melt-Processable-Rubber.php](http://www.lookpolymers.com/polymer_Advanced-Polymer-Alloys-Alcryn-2095-BK-Melt-Processable-Rubber.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 g/cc	1.17 g/cc	ASTM D471; ISO 2781
Viscosity	820000 cP	820000 cP	ASTM D3835
	@Shear Rate 300 1/s, Temperature 190 °C	@Shear Rate 300 1/s, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	93	93	ASTM D2240; ISO 48
Tensile Strength, Ultimate	13.1 MPa	1900 psi	ASTM D412; ISO 37
Elongation at Break	300 %	300 %	ASTM D412; ISO 37
100% Modulus	0.00848 GPa	1.23 ksi	ASTM D412; ISO 37
Graves Tear Strength	62.2 kN/m	355 pli	Die C; ASTM D624
	@Temperature 23.9 °C	@Temperature 75.0 °F	
Tensile Set	24 %	24 %	ASTM D412

Processing Properties	Metric	English	Comments
Processing Temperature	177 °C	350 °F	

Descriptive Properties	Value	Comments
Fluid Resistance - Volume Change, % (ASTM D471)	-10	After 7 Days in ASTM Oil No.1 at 212°F (100°C)
	31	After 7 Days in IRM 903 Oil No.3 at 212°F (100°C)
	43	After 7 Days in ASTM Ref. Fuel No. B at 75°F (24°C)

## **Contact Songhan Plastic Technology Co.,Ltd.**

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