

# Dion COR-RES 6693FR

Thermoset Polyester  
Reichhold Chemicals, Inc.

Message:

Dion COR-RES 6693FR is a Thermoset Polyester product. It can be processed by filament winding, hand lay-up, or laminating and is available in North America. Typical application: Coating Applications.  
Characteristics include:  
Chemical Resistant  
Flame Retardant  
Heat Resistant

General Information	
Features	Flame Retardant
	Good Chemical Resistance
	Good Heat Aging Resistance
Uses	Laminates
Forms	Pellets
Processing Method	Filament Winding
	Hand Lay-up
	Laminating

Physical	Nominal Value	Unit	Test Method
Apparent Density	1.28	g/cm <sup>3</sup>	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness (3.18 mm)	40		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4000	MPa	ASTM D638
Tensile Strength (Yield)	71.7	MPa	ASTM D638
Tensile Elongation (Yield)	2.1	%	ASTM D638
Flexural Modulus	3860	MPa	ASTM D790
Flexural Strength (Yield)	92.4	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	104	°C	ASTM D648

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](mailto:sales@su-jiao.com)

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

