Kynar Flex® 2850 WR

Polyvinylidene Fluoride

Arkema

Message:

KYNAR FLEX® 2850 WR is a VF2 based copolymer powder designed for rotomolding or rotolining processing.
KYNAR FLEX® 2850 WR is very chemically resistant with a maximum use temperature up to 150°C.

General Information	
Features	Copolymer Good Chemical Resistance
Forms	Powder
Processing Method	Rotational Molding Roto Lining

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.77 to 1.80	g/cm³	ASTM D792
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D, 23°C)	70 to 75		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			ASTM D638
Yield, 23°C	31.0 to 41.4	MPa	
Break, 23°C	27.6 to 48.3	MPa	
Tensile Elongation (Break, 23°C)	30 to 200	%	ASTM D638
Flexural Modulus (23°C)	1030 to 1240	MPa	ASTM D790
Flexural Strength (23°C)	20.7 to 34.5	MPa	ASTM D790
Compressive Strength (23°C)	41.4 to 58.6	MPa	ASTM D695
Thermal	**Nominal Value**	**Unit**	**Test Method**
Peak Melting Temperature	155 to 160	°C	ASTM D3418
Electrical	**Nominal Value**	**Unit**	**Test Method**
Volume Resistivity [1] (20°C)	2.0E+14	ohms·cm	ASTM D257
Fill Analysis	**Nominal Value**	**Unit**	**Test Method**
Melt Viscosity (232°C, 100 sec^-1)	400 to 800	Pa·s	ASTM D3835
NOTE			
1.	65% R.H.		

Recommended distributors for this material

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