

Kynar Flex® 2800 WR

Polyvinylidene Fluoride

Arkema

Message:

KYNAR FLEX® 2800 WR is a VF2 based copolymer powder designed for rotomolding or rotolining processing.
KYNAR FLEX® 2800 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/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 23°C)	60 to 70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, 23°C	20.0 to 34.5	MPa	
Break, 23°C	17.2 to 34.5	MPa	
Tensile Elongation (Break, 23°C)	50 to 300	%	ASTM D638
Flexural Modulus (23°C)	483 to 758	MPa	ASTM D790
Flexural Strength (23°C)	20.7 to 34.5	MPa	ASTM D790
Compressive Strength (23°C)	31.0 to 41.4	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	140 to 145	°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.		

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