

Riteflex® 830

Thermoplastic Copolyester Elastomer

Celanese Corporation

Message:

Riteflex 830 is a high melt strength extrusion grade with nominal shore D hardness of 30D.

General Information			
Features	Good Melt Strength		
RoHS Compliance	Contact Manufacturer		
Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 15 sec)	27		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	20.0	MPa	ISO 527-2/1A/1
Flexural Modulus (23°C)	25.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	No Break		
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ¹	165	°C	ISO 11357-3
NOTE			
1.	10°C/min		

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