

Riteflex® 663HS

Thermoplastic Copolyester Elastomer

Celanese Corporation

Message:

Riteflex 663HS is a heat stabilized, nominal 63 Shore D thermoplastic polyester elastomer with medium modulus

General Information			
Additive	Heat Stabilizer		
Features	Good Stiffness		
	Heat Stabilized		
RoHS Compliance		Contact Manufacturer	
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/2.16 kg)	16	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 15 sec)	60		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	25.0	MPa	ISO 527-2
Tensile Strain (Break)	300	%	ISO 527-2
Flexural Modulus (23°C)	265	MPa	ISO 178
Flexural Stress (23°C)	8.50	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	100	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ¹	207	°C	ISO 11357-3
NOTE			
1.	10°C/min		

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