

Telene® 1650 A/BK

Dicyclopentadiene

Telene S.A.S., a Rimtec Corporation company

Message:

Telene® 1650 A/BK is a Dicyclopentadiene (DCPD) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Characteristics include:
REACH Compliant
RoHS Compliant

General Information			
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	114		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1870	MPa	ISO 527-2
Tensile Stress (Yield)	43.0	MPa	ISO 527-2
Tensile Strain (Yield)	5.0	%	ISO 527-2
Flexural Modulus	1850	MPa	ISO 178
Flexural Stress	67.0	MPa	ISO 178
Compressive Modulus	1900	MPa	ISO 604
Compressive Stress	70.0	MPa	ISO 604
Shear Strength	53.0	MPa	ASTM D732
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	30	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	120	°C	ISO 75-2/A
Glass Transition Temperature ¹	155	°C	Internal Method
CLTE - Flow	7.9E-5	cm/cm/°C	ISO 11359-2
Additional Information	Nominal Value	Unit	Test Method
Exotherm Temperature ²	> 180	°C	Internal Method
Initial Viscosity - Brookfield (30°C)	310 to 390	mPa · s	Internal Method
Smoke Time ³ (30°C)	1.3 to 1.7	min	
NOTE			
1.	Method 1		
2.	Method 4		
3.	Method 4		

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