

Hostacom HKG 247T BLACK

PP HOMO-GF40

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	4	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Melt Flow Index, MFI	4	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9000	MPa	ISO 527
Stress at Break	108	MPa	ISO 527
Strain at Break	2.5	%	ISO 527
Impact Strength (Charpy), +23°C	45	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	11	kJ/m ²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	10	kJ/m ²	ISO 179/1eA
Flexural Modulus (23°C)	9800	MPa	ISO 178

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	150	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	142	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1220	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Features

Creep Resistance, Homopolymer

Delivery form

Pellets, Black

Applications

Automotive

Special Characteristics

Heat aging stabilized

Disclaimer

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