



TECHNICAL DATA SHEET

DECO-PP H039G6 black

PROPERTIES		STANDARD	UNIT	TYPICAL VALUES
PHYSICAL & THERMAL				
Density		ISO 1183	g/cm ³	1,13
Melting Point		DSC	°C	-
Mold Shrinkage (average)		ISO 294-4	%	-
Moisture Absorption (water immersion)	23oC - 24h	ISO 62	%	-
Melt Flow Index		ISO 1133	g/10min	3
Vicat Softening Temperature B	50°C/10N	ISO 306	°C	-
Heat Deflection Temperature0,45 MPa		ISO 75-2	°C	-
Heat Deflection Temperature1,81 MPa		ISO 75-2	°C	145
Heat Resistance / Ball test		IEC 335-1 IEC 60695-10-2	°C	-
Continuous Use Temperature (without load)		IEC 60216	°C	-
MECHANICAL				
Tensile Strength at Yield		ISO 527	MPa	-
Tensile Strength at Break		ISO 527	MPa	85
Tensile Modulus		ISO 527	MPa	6300
Tensile Strain at Yield		ISO 527	%	-
Tensile Strain at Break		ISO 527	%	3,5
Charpy - Notched Impact Strength		ISO 179/1eU	KJ/m ²	45
Charpy - Unnotched Impact Strength		ISO 179/1eA	KJ/m ²	10

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