

Hostacom D1172 9177

Compounded Polyolefin

Product Description

20% talc filled copolymer,antistatic. Previously known as 2611TC TA4.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Features	Antistatic, Copolymer

Typical Properties	Method	Value	Unit
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Physical

Density	ISO 1183	1.04	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	50	g/10 min

Mechanical

Tensile Modulus (Secant)	ISO 527-1, -2	1650	MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	22.0	MPa
Flexural modulus (Secant)	ISO 178	1800	MPa

Impact

Unnotched izod impact strength	ISO 180		
(-30 °C)		2.30	kJ/m ²
(23 °C)		9.00	kJ/m ²

Thermal

Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	55	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	105	°C
Vicat softening temperature (B50 (50°C/h 50N) °C)	ISO 306	55.0	°C

Additional Properties

Flammability, FMVSS 302: 40 mm/min

Coefficient of Linear thermal Expansion, DIN 53752, 23 - 85°C, Parallel: 0.8 1/K

Mould Shrinkage, Basell Test Method: 0.8 to 1.4 %

Notes

Typical properties; not to be construed as specifications.