

Properties

PT6E1

Talc-reinforced PP compound (Talc30%)

For extrusion

Properties	Test methods	Test conditions	Units	
Melt mass-flow rate	ISO 1133	230 deg C/2.16kg	g/10min	1.1
Mold shrinkage	Daicel method	-	%	0.9-1.2
Tensile strength	ISO 527	-	MPa	26
Flexural strength	ISO 178	-	MPa	40
Flexural modulus	ISO 178	-	MPa	3100
Notched Charpy impact strength	ISO 179/1eA	23 deg C	kJ/m ²	16
Rockwell hardness	ISO 2039	-	-	R83
Deflection temperature under load	ISO 75	0.45MPa	deg C	115
Density	ISO 1183	-	g/cm ³	1.13

Note

- Test methods such as ISO standards are fully or almost compliant with the standards.
- Values are typical, not quality assured.