

KEPITAL® TS-23W NAT

POM, medium-high viscosity grade, friction and wear resistance

KEPITAL® TS-23W NAT is a medium-high viscosity grade for general injection molding with friction and wear resistance.

Product information

Part Marking Code	> POM <	ISO 11469
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Rheological properties

Moulding shrinkage, parallel	%	ISO 294-4, 2577
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Typical mechanical properties

Yield stress, 50mm/min	55 MPa	ISO 527-1/-2
Yield strain, 50mm/min	5 %	ISO 527-1/-2
Nominal strain at break	15 %	ISO 527-1/-2
Flexural Modulus	2450 MPa	ISO 178
Flexural Strength	75 MPa	ISO 178
Charpy notched impact strength, 23°C	4.5 kJ/m ²	ISO 179/1eA

Flammability

Burning Behav. at thickness h	HB class	UL 94
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Electrical properties

Volume resistivity	1E12 Ohm.m	IEC 62631-3-1
Surface resistivity	1E16 Ohm	IEC 62631-3-2