

Technical Datasheet POM K300

1) Product Description:

K300 is a general injection molding Polyoxymethylene grade with a good mechanical property for wide range.

2) Applications:

- General Purpose

3) Typical data:

Property	Test method	Unit	Value*
Specific Gravity	ASTM D792	g/cm ³	1.41
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	ASTM D1238	g/10 min	9.0
Molding Shrinkage - Flow	ASTM D955	%	2.0
Water Absorption (Equilibrium, 23°C, 60%RH)	ASTM D570	%	0.22
Tensile Strength	ASTM D638	MPa	64.0
Tensile Elongation (Yield, 23°C)	ASTM D638	%	60
Flexural Modulus (23°C)	ASTM D790	Mpa	2500
Flexural Strength (23°C)	ASTM D790	Mpa	94.0
Notched Izod Impact (23°C)	ASTM D256	J/m	67
Rockwell Hardness (M-Scale)	ASTM D785	-	80

* Typical values not to be construed as specifications.