

PRODUCT INFORMATION

Metric & SI unit

Acetal Copolymer
KEPITAL®

KOREA ENGINEERING PLASTICS CO., LTD.

TX-11H

A medium-high viscosity grade for general injection molding. It is suitable for use requiring reduced wear noise, and a good friction & wear resistance without sacrificing mechanical properties.

Property	Test Method	Unit	Value
Physical			
Density	ISO 1183	g/cm ³	1.40
Melt flow rate	ISO 1133	g/10min	5
Thermal			
Deflection temperature 1.8MPa	ISO 75-1,2		95
Flammability	UL94	—	HB
Mechanical			
Tensile strength 23	ISO 527-1,2	kgf/cm ² (MPa)	650 (64)
Nominal strain at break 23	ISO 527-1,2	%	40
Flexural strength 23	ISO 178	kgf/cm ² (MPa)	870 (85)
Flexural modulus 23	ISO 178	10 ⁴ kgf/cm ² (MPa)	2.55 (2,500)
Charpy notched impact strength	ISO 179/1eA	kgf · cm/cm (kJ/m ²)	10.2 (10.0)
Electrical			
Surface resistivity	IEC 60093	Ω	1 10 ¹⁴
Volume resistivity	IEC 60093	Ω · cm	1 10 ¹²
Dielectric strength	IEC 60243-1	kV/mm	19
Molding shrinkage (//Direction) t3mm, Φ 100mm		%	2.0

Properties are subject to change with a new knowledge and development.

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