

KOCETAL® UR302LO

Acetal (POM) Copolymer

Kolon Plastics, Inc.

Message:

KOCETAL®UR302LO is a polyoxymethylene (POM) copolymer product. It is available in North America, Latin America, Europe or Asia Pacific.

Features include:

flame retardant/rated flame

Impact modification

odorless/tasteless channel

General Information			
Additive	Impact modifier		
Features	Impact modification		
	The smell is low to none		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.8	%	ASTM D955
Water Absorption (Equilibrium, 23°C, 60% RH)	0.24	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	70		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	52.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	85	%	ASTM D638
Flexural Modulus (23°C)	2000	MPa	ASTM D790
Flexural Strength (23°C)	73.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	90	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648A
0.45 MPa, not annealed	150	°C	ASTM D648A
1.8 MPa, not annealed	90.0	°C	ASTM D648A
Melting Temperature	166	°C	ASTM D1525
CLTE - Flow	1.3E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	ASTM D257
Volume Resistivity	1.0E+14	ohms · cm	ASTM D257
Dielectric Strength	19	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method

Flame Rating	HB		UL 94
Additional Information	Nominal Value	Unit	Test Method
Formaldehyde Level	ppm		VDA 275

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

