

GLS POLYMERS PVT LTD

(Manufacturer of Blends, Compounds & Reactive Polymers)



PRODUCT DATA SHEET

Material: POM UV RED

Grade: UN02

PROPERTIES	Test Method ASTM	Results	Units
<u>PHYSICAL</u>			
Specific gravity	D792	1.40-1.42	----
Melt Flow Index ,190 deg C/2.16 Kgs	D1238	Min10	gm/10min
<u>MECHANICAL</u>			
Izod Impact strength	D256	90-110	J/M
Notched (3.2mm) section	D 638	60-68	Mpa
Tensile strength at yield 50 mm /min	D 638	12-18	%
Tensile elongation	D 790	88 -100	Mpa
Flexural Strength 2mm/min	D790	2700 - 3100	Mpa
Flexural Modulus			
<u>THERMAL</u>			
HDT @ 264 psi (1.82 Mpa)	D 638	112-116	Deg Cen
Vicat softening temperature	D 638	165 -170	Deg Cen
Flammability @ 3mm	UL94	HB	--
<u>GENERAL PROCESSING FOR INJECTION MOLDING GUIDE LINE</u>			
Injection pressure : 69 - 102 Mpa	Data herein is typical and not be construed as specification. The information contained herein is believed be reliable , but no representations , guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained there form Values per GLS Polymers Pvt Ltd Company testing		
Melt Temperature : 182- 215 deg cen			
Mold temperature : 78 - 106 deg cen			
Drying : 80 deg cen @ 2 hrs			