



CHI MEI CORPORATION

59-1 SAN CHIA, JEN TE, TAINAN COUNTY, TAIWAN R.O.C. TEL: 886-6-266-5000, FAX: 886-6-266-5555~7

General Purpose PS, POLYREX[®] PG-33

VIW

Typical Characteristics

Properties	Test Method	Test Condition	Unit	PG-33
Tensile Strength	ASTM D638	1/8", 6 mm/min	Kg/cm ² (lb/in ²)	460(6530)
Tensile Elongation	ASTM D638	1/8", 6 mm/min	%	2.0
Flexural Strength	ASTM D790	1/4", 2.8 mm/min	Kg/cm ² (lb/in ²)	670(9510)
Flexural Modulus	ASTM D790	1/4", 2.8 mm/min	Kg/cm ² (lb/in ²)	31000(440000)
Izod Impact Strength (Notched)	ASTM D256	1/4", 23°C	Kg-cm/cm(ft-lb/in)	1.6(0.29)
		1/8", 23°C	Kg-cm/cm(ft-lb/in)	1.7(0.31)
Melt Flow Index	ASTM D1238	200°C, 5Kg	g/10min	8.0
Hardness	ASTM D785	1/4"	M Scale	77
Specific Gravity	ASTM D792	23°C	-	1.05
Vicat Softening Temp	ASTM D1525	1/8", 50°C/hr	°C (°F)	96(204)
Heat Distortion Temp.	ASTM D648	1/4", 120°C/hr	°C (°F)	79(174)
Flammability	UL 94	-	-	1/16"HB

The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere.

For further information, please contact your local agent or fax to Chi Mei Technical Services Dept. at 886-6-2665555