



CHI MEI CORPORATION

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

General Purpose PS POLYREX[®] Characteristics

November 7, 2005 VIW

Properties	ISO	DIN	Test Condition	Unit	PG-33	PG-80	PG-383
MVI	1133	-	200 x5kg	ml/10min	8.5	4.0	2.2
Vicat Softening Temp.	306	53460	50 /hr; 1kg		94	96	106
			50 /hr; 5kg		89	94	103
			120 /hr; 1kg		96	102	110
			120 /hr; 5kg		95	97	107
H.D.T / A	75	53461	1.8 MPa, unanneal		76	80	85
			1.8 MPa, anneal		87	94	99
Izod Impact Strength	180/1A	-	Notched	KJ/m ²	2	2	2
	180/1C	-	Unnotched	KJ/m ²	7	9	9
Charpy Impact	179		Notched	KJ/m ²	2	3	3
			Unnotched	KJ/m ²	9	11	11
Impact Flexual Test	179/2C	53453	Notched	KJ/m ²	2	3	3
	179/2D	53453	Unnotched	KJ/m ²	17	17	18
Tensile Strength	527	53455	50mm/min, yield	MPa	41	47	54
			50mm/min, break	MPa	37	45	52
Tensile Elongation	527	53455	50 mm/min	%	5	5	6
Flexural Strength	178	53452	2 mm/min	MPa	62	68	89
Flexural Modulus	178	53452	2 mm/min	GPa	2.4	2.4	2.5
Ball Indentation Hardness	2039-1	53456	H358/30		149	144	141
Flammability	-		-	UL-94	1/16"HB	1/16"HB	1/16"HB
Mass Density	1183	53479-A	23	-	1.05	1.05	1.05

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