



CHI MEI CORPORATION

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

High Gloss PS POLYREX[®] Characteristics

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Properties	ISO	DIN	Test Condition	Unit	PH-60G	PH-888G
MVI	1133	-	200 x5kg	ml/10min	3.0	4.0
Vicat Softening Temp.	306	53460	50 /hr; 1kg		102	100
			50 /hr; 5kg		95	91
			120 /hr; 1kg		104	105
			120 /hr; 5kg		102	95
H.D.T / A	75	53461	1.8 MPa, unanneal		88	79
			1.8 MPa, anneal		102	95
Izod Impact Strength	180/1A	-	Notched	KJ/m ²	4	9
	180/1C	-	Unnotched	KJ/m ²	21	-
Charpy Impact	179		Notched	KJ/m ²	7	10
			Unnotched	KJ/m ²	39	-
Impact Flexual Test	179/2C	53453	Notched	KJ/m ²	9	10
	179/2D	53453	Unnotched	KJ/m ²	41	100
Tensile Strength	527	53455	50mm/min, yield	MPa	42	34
			50mm/min, break	MPa	37	28
Tensile Elongation	527	53455	50 mm/min	%	8	50
Flexural Strength	178	53452	2 mm/min	MPa	60	45
Flexural Modulus	178	53452	2 mm/min	GPa	1.9	1.4
Ball Indentation Hardness	2039-1	53456	H358/30		111	93
Flammability	-		-	UL-94	1/16"HB	1/16"HB
Mass Density	1183	53479-A	23	-	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