



Extrusion PS POLYREX[®] Characteristics

November 7, 2005

VIW

Properties	ISO	DIN	Test Condition	Unit	PH-88S
MVI	1133	-	200 x5kg	ml/10min	2.6
Vicat Softening Temp.	306	53460	50 /hr ;1kg		100
			50 /hr ;5kg		89
			120 /hr ;1kg		104
			120 /hr ;5kg		93
H.D.T / A	75	53461	1.8 MPa,unanneal		77
			1.8 MPa,anneal		94
Izod Impact Strength	180/1A	-	Notched	KJ/m ²	13
	180/1C	-	Unnotched	KJ/m ²	-
Charpy Impact	179		Notched	KJ/m ²	14
			Unnotched	KJ/m ²	-
Impact Flexual Test	179/2C	53453	Notched	KJ/m ²	14
	179/2D	53453	Unnotched	KJ/m ²	100
Tensile Strength	527	53455	50mm/min,yield	MPa	25
			50mm/min,break	MPa	24
Tensile Elongation	527	53455	50 mm/min	%	66
Flexural Strength	178	53452	2 mm/min	MPa	34
Flexural Modulus	178	53452	2 mm/min	GPa	1.4
Ball Identation Hardness	2039-1	53456	H358/30		76
Flammability	-		-	UL-94	1/16"HB
Mass Density	1183	53479-A	23	-	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