



April 8, 2006 VIW

Chemical endurance ABS, POLYLAC[®] Characteristics

Properties	ISO	DIN	Test Condition	Unit	PA-797
MVI	1133	-	220 x10kg	ml/10min	9.2
Vicat Softening Temp.	306	53460	50 /hr ;1kg		105
			50 /hr ;5kg		95.5
			120 /hr ;1kg		108
			120 /hr ;5kg		99
H.D.T / A	75	53461	1.8 MPa, unanneal		80
			1.8 MPa, anneal		99
Izod Impact Strength	180/1A	-	Notched	KJ/m ²	35
	180/1C	-	Unnotched	KJ/m ²	NB
Charpy Impact	179		Notched	KJ/m ²	35.5
			Unnotched	KJ/m ²	NB
Impact Flexual Test	179/2C	53453	Notched	KJ/m ²	23
	179/2D	53453	Unnotched	KJ/m ²	NB
Tensile Strength	527	53455	50mm/min, yield	MPa	43
			50mm/min, break	MPa	33
Tensile Elongation	527	53455	50 mm/min	%	23
Flexural Strength	178	53452	2 mm/min	MPa	51
Flexural Modulus	178	53452	2 mm/min	GPa	1.1
Ball Indentation Hardness	2039-1	53456	H358/30	-	84

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