

HIPS - PST - POLISTIROLO ae

PROPERTIES	UNITS	VALUE	TEST METHODS		
			ISO	DIN	ASTM
DENSITY	g/cm3	1,2	1183	53479	D-792
MOLD SHRINKAGE	%	0.3 / 0.5		16901	D-955
ROCKWELL HARDNESS	Scale L	81	2039		D-785
MELT FLOW INDWEX 220/49N	g/10 mln	6	1133	53735	D-1238
VICAT SOFTENING POINT A/50	°C	94	R-306	53460	D-1525
HEAT DISTORSION TEMPERATURE - ANNEALED 1,81 MPa	°C	82	R-75	53461	D-648
IZOD IMPACT RESISTANCE, NOTCHED 3.2 mm+ 23°	KJ/M2	10	R-180		D-256
IZOD IMPACT RESISTANCE, NOTCHED 3.2 mm+ 0°	KJ/M2	8	R-180		D-256
IZOD IMPACT RESISTANCE, NOTCHED 3.2 mm-23°	KJ/M2	6	R-180		D-256
TENSILE STRENGTH (YIELD)	MPa	22	R-527	53455	D-638
TENSILE STRENGTH (BREAK)	MPa	21	R-527	53455	D-638
ELOGATION (YIELD)	%	2	R-527	53455	D-638
ELOGATION (BREAK)	%	44	R-527	53455	D-638
FLEXURAL MODULUS	MPa	2100	178	53452	D-790
UL94 3.2		V0 UL94	PLS REFER TO RAW MATERIAL SUPPLER YELLOWCARD		
CSE RF 3/77 – CSE RF 2/75/A	CLASS	1(FLOOR)2(WALL)			
GLOW WIRE TEST 3mm	°C	960°	IEC695-2-1		

NOTE:

These data are typical sheet properties and are not to be use for establishing minimum material specification. They are the latest available at time of publication and are authentic to the best knowledge of the Company. The properties are listed solely to give general guidance and are not to be construed as a warranty of any type.