

PP complying to ASTM D 4101 cell classification PP0340B44544

IP-4 PP Duct Raw Material Data

			PP
	Norm	Unit	Values
Density	ASTM D 1505		0,90 +/- 0,01
Elongation at yield stress	ASTM D 638	%	>10
Elongation at break	ASTM D 638	%	>120
Flexural Modulus	ASTM D 790	MPA	900-1100
Ball indentation hardness	ISO 2039	N/mm2	45 +/- 2
Shore hardness	ASTM D 2240	868 3 sec	65-67
Tensile Strength at yield	ASTM D 790	MPA	23-24
Impact Strength	ISO 179 23°C	KJ/m2	no fracture
Impact Strength	ISO 179 -30°C	KJ/m2	55
Notched Impact Strength	ISO 179 23°C	KJ/m2	31
Notched Impact Strength	ISO 179 -30°C	KJ/m2	2
Heat Resistance	ISO 75 A	°C	75
ESC	ASTM D 1693	h	>192