

HR-PP complying to ASTM D 4101 cell classification PP0341B54541

IP-4 HR PP Duct Raw Material Data

	Norm	Unit	PP Values
Density	ASTM D 1505		0,90 +/- 0,01
Elongation at yield stress	ASTM D 638	%	>13
Elongation at break	ASTM D 638	%	>120
Flexural Modulus	ASTM D 790	MPA	800
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	25
Impact Strength	ISO 179 23°C	KJ/m2	No fracture
Impact Strength	ISO 179 -20°C	KJ/m2	40
Notched Impact Strength	ISO 179 23°C	KJ/m2	20
Notched Impact Strength	ISO 179 -20°C	KJ/m2	2
Heat Resistance	ISO 75 A	°C	75
Coefficient of thermal exp			1,5*10E-4/K
ESC	ASTM D 1693	h	>192