

Technical Data Sheet



Physical Qualifications			
Qualifications	Method	Unit	Polypropylene *
special PP weight	ISO 1183	gr/cm ³	0.907
water absorbtion	ISO 62	%	0.02
Thermal Specialities			
Speciality	Method	Unit	Polypropylene*
Air index	ASTM D696	mm/m°C	0.18
Special temperature	DSC	J/g°C	Oca.68
Thermic inflexion temp.	ISO 75	°C	78
Thermic inflexion temp.	ISO 75	°C	52
vicat softening temp.	ISO 306	°C	148
vicat softening temp.	ISO 306	°C	78
Mechanic Qualifications - 1			
qualifications	Method	Unit	Polypropylene*
drawing resistance	ISO 527	MPa	38
split point	ISO 527	%	800
stretch index	ISO 178	MPa	1250
impact resistance	ISO 180	kJ/m ²	80
Shore hardness	ISO 868	-	66
Mechanic Qualifications - 2			
qualifications	Method	Unit	Polypropylene*
comparasion of maximum	2,1mm/35 0gr	N/cm ²	Min. 3,7
tension	2,0mm/40 0gr	N/cm ²	Min. 1,4
	3,0mm/65 0gr	N/cm ²	Min. 5,5
	4,5mm/10 00gr	N/cm ²	Min. 14,4
Optical Characteristics			
Specialities	Method	Unit	corrugated sheet
light transmissivity	2,0mm/40 0gr	%	58
	2,5mm/45 0gr	%	53
	3,0mm/50 0gr	%	51
	4,0mm/10 00gr	%	37
Electrical Characterictics			
qualifications	Method	Unit	corrugated sheet
surface resistance	ASTMD 257	Ω	Ca. 1013
Dielectric static (at 1MHz')	ASTMD 150	--	2,25
division rate (at tg δ 1 MHz)	ASTMD 150	--	< 5×10-4
dielectric resistance (500 V/sec)	ASTMD 149	kV/mm	70