

PP Z30S

Product information				
Manufacturer	Jam Polypropylene Company			
Process	Extrusion molding			
Polymer	Homopolymer			
Features	High flowGood processability			
Application	Safety beltsUpholsteryCarpetBulk continuous filament fiberHigh tenacity continues filamentLow denier staple fibresSportswearBackpacks straps			
Aging	Condition	Standard	Value	Unit
Accelerated	Oven Aging in Air 150°C	ISO 4577	360	hr
Hardness	Condition	Standard	Value	Unit
Shore	Hardness D	ISO 868	72	
Mechanical behavior	Condition	Standard	Value	Unit
Elongation	Yield	ISO 527	13	%
Flexural	Modulus	ISO 178	1550	N/mm ²
Izod	Notch Impact 23°C	ISO 180	3	kJ/m ²
Tensile	Strength Yield	ISO 527	35	N/mm ²
Physical property	Condition	Standard	Value	Unit
Density		ISO 1183	0.9	g/cm ³
Melt	Index 230°C 2.16kg	ISO 1133	25	g/10min
Thermal	Condition	Standard	Value	Unit
HDT	0.45MPa	ISO 75	118	°C
Vicat	Softening Temperature 10N	ISO 306	155	°C