

KOSTIL B 366

Kostil B 366 is a Styrene-Acrylonitrile copolymer with a good chemical resistance and a very low residual monomers content.

This easy flow grade exhibits a high clarity and it is designed for the moulding of items with complex shapes and/or with thin walls with fast cycles.

Designation: Thermoplastics ISO 4894-SAN 2,MRS,105-25

	Properties	Test condition	Method	Unit	Value
Rheological	Melt Flow Rate (MFR)	220°C - 10 kg	ISO 1133	g/10 min	30
Flammability	Flame Behaviour	thickness 1.5 mm	UL 94	class	HB
Physical	Density		ISO 1183	g/cm ³	1,07
	Bulk Density		ISO 60	g/cm ³	0,65
	Water Absorption	24 h - 23°C	ISO 62	%	<0,2
Thermal	Deflection Temperature under Load (annealed)	1.8 MPa - 120°C/h	ASTM D648	°C	98
	Moulding Shrinkage		internal	%	0,4-0,6
	Vicat Softening Temperature	10 N - 50°C/h	ISO 306/A	°C	108
	Vicat Softening Temperature	50 N - 50°C/h	ISO 306/B	°C	105
Mechanical	Flexural Strength	2mm/min	ISO 178	MPa	101
	Tensile Stress at Break	5 mm/min	ISO 527	MPa	66
	Tensile Strain at Break	5 mm/min	ISO 527	%	2,2
	Tensile Modulus	1 mm/min	ISO 527	MPa	3500
	Rockwell Hardness	M-scale	ISO 2039/2		M83
	Charpy Impact Strength, unnotched	+23 °C	ISO 179/2D	Kj/m ³	11