

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
Physical	Density		ISO 1183	g/cm ³	1,07
	Water Absorption	24 h - 23°C	ISO 62	%	<0,2
	Bulk Density		ISO 60	g/cm ³	0,65
Thermal	Moulding Shrinkage		internal	%	0,4-0,6
	Deflection Temperature under Load (annealed)	1.8 MPa - 120°C/h	ASTM D648	°C	98
	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
Flammability	Flame Behaviour	thickness 1.5 mm	UL 94	class	HB
Rheological	Melt Flow Rate (MFR)	220°C - 10 kg	ISO 1133	g/10 min	30

All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing terms or processing procedures an obligation cannot be derived from it.



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