

REPRO

PC/ABS RTS65

Injection moulding, high impact

PROPERTY	VALUE	UNIT	STANDARD
Density	1,13	g/cm ³	ISO 1183
MFI 260°C/5,0 kg	25	g/10 min	ISO 1133
Flexural modulus at +23°C	2300	N/mm ²	ISO 178
Flexural Strength	90	N/mm ²	ISO 178
Tensile Strength	50	N/mm ²	ISO/R 527
Elongation at break	-	%	ISO/R 527
Elongation at yeild	6	%	ISO/R 527
Impact Strength			
notched Charpy at +23°C	40	kJ/m ²	ISO 179
notched Charpy at -30°C	11	kJ/m ²	ISO 179
unnotched Charpy at +23°C	NB	kJ/m ²	ISO 179
unnotched Charpy at -20°C	NB	kJ/m ²	ISO 179
Filling content	0	±2%	Rondo
Heat distortion temp.			
HDT 120°C/h at 455 kPa B	108	°C	ISO 75-1
HDT 120°C/h at 1820 kPa A	95	°C	ISO 75-1
Softening temp.			
Vicat 50°C/h at 9,81 N A	120	°C	ISO 306
Vicat 50°C/h at 49,05 N B	110	°C	ISO 306
Burn rate	-	mm/min	FMVSS 302
GWT at 2 mm	650	°C	IEC 695-2-1
UL94 at 1,6 mm	HB	°C	UL 94
Shore A	-	°	ISO 868
Shore D	-	°	ISO 868
Shrinkage (with flow)	0,5-0,7	%	ISO 2577
Shrinkage (across flow)	0,5-0,7	%	ISO 2577

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