

# REPRO

## PC/ABS RTX65

Injection moulding, high impact

PROPERTY		VALUE	UNIT	STANDARD
Density		1,13	g/cm <sup>3</sup>	ISO 1183
MFI	260°C/5,0 kg	25	g/10 min	ISO 1133
Flexural modulus at	+23°C	2300	N/mm <sup>2</sup>	ISO 178
Flexural Strength		90	N/mm <sup>2</sup>	ISO 178
Tensile Strength		50	N/mm <sup>2</sup>	ISO/R 527
Elongation at break		-	%	ISO/R 527
Elongation at yeild		6	%	ISO/R 527
Impact Strength				
notched Charpy at	+23°C	45	kJ/m <sup>2</sup>	ISO 179
notched Charpy at	-30°C	13	kJ/m <sup>2</sup>	ISO 179
unnotched Charpy at	+23°C	NB	kJ/m <sup>2</sup>	ISO 179
unnotched Charpy at	-20°C	NB	kJ/m <sup>2</sup>	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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