

REPRO

PA6 RF6 Injection moulding

PROPERTY	VALUE (DAM)	UNIT	STANDARD
Density	1,36	g/cm ³	ISO 1183
MFI	-		
Flexural modulus at +23°C	8400	MPa	ISO 178
Flexural Strength	220	MPa	ISO 178
Tensile Strength	140	MPa	ISO/R 527
Elongation at break	3	%	ISO/R 527
Elongation at yeild	-	%	ISO/R 527
Impact Strength			
notched Charpy at +23°C	9	kJ/m ²	ISO 179
notched Charpy at -20°C	6	kJ/m ²	ISO 179
unnotched Charpy at +23°C	-	kJ/m ²	ISO 179
unnotched Charpy at -20°C	-	kJ/m ²	ISO 179
Filling content	30	±2%	Rondo
Heat distortion temp.			
HDT 120°C/h at 455 kPa B	215	°C	ISO 75-1
HDT 120°C/h at 1820 kPa A	200	°C	ISO 75-1
Softening temp.			
Vicat 50°C/h at 9,81 N A	-	°C	ISO 306
Vicat 50°C/h at 49,05 N B	>190	°C	ISO 306
Burn rate	-	mm/min	FMVSS 302
GWT at 2 mm	-	°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)	0,3	%	ISO 2577
Shrinkage (across flow)	0,9	%	ISO 2577

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