



RADILENE R65D202 Polypropylene homopolymer 20% glass fibers reinforced, UL94 V0/1.6mm.
Compliance with the ROHS norm 2002/95/EC

Condition	Unit	Method	Value
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□ PHYSICAL PROPRIETIES

Specific gravity		kg/dm ³	ISO 1183	1,33
Melt index	230°C/2,16kg	g/10min	ASTM D 1238 L	10
Mould sinkrage		%	ASTM D 955	0,3 – 0,5
Water content	24h - 23°C	%	ASTM D 570	0,15

□ MECHANICAL CHARACTERISTICS

Tensile yield stress	23°C	MPa	ASTM D 638	40
Elongation at break	23°C	%	ASTM D 638	3,3
Tensile modulus	23°C	MPa	ASTM D 638	4700
Tensile stress at break	23°C	MPa	ASTM D 790	-
Flexural modulus	23°C	MPa	ASTM D 790	4500
Izod impact strenght notched	23°C	J/m	ASTM D 256	45

□ THERMAL CHARACTERISTICS

Heat distortion temperature	1,82 Mpa	°C	ASTM D 648	148
Heat distortion temperature	0,45 MPa	°C	ASTM D 648	-
Vicat A	50N	°C	ISO 306	132
Ball indentation		°C	IEC 335	125

□ VARIOUS CHARACTERISTICS

Flame behaviour	Class / mm	UL 94	V0/1,6mm*
Glow wire flammability index (GWFI)	°C / mm	IEC 695-2-1-12	960
Glow wire test (GWIT)	°C	IEC 695-2-1-13	750
Tracking resistance KC	V	IEC 112	-