



TECHNICAL DATA SHEET

DECOLan T03420FR

PROPERTIES		STANDARD	UNIT	TYPICAL VALUES
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PHYSICAL & THERMAL

Density		ISO 1183	g/cm ³	1,19
Moisture Absorption (water immersion)	23oC - 24h	ISO 62	%	0,22
Melt Volume Rate	260°C / 5kg	ISO 1133	Cm ³ /10min	20
Vicat Softening Temperature B	50N / 50°C/h	ISO 306	°C	96

MECHANICAL

Tensile Strength at Yield		ISO 527-2	MPa	42
Tensile Modulus		ISO 527-2	MPa	2200
Tensile Strain at Yield		ISO 527-2	%	-
Ball Indentation Test		ISO 2039-1	Mpa	97
Charpy - Impact Strength		ISO 179/1eU	KJ/m ²	12

ELECTRICAL & FLAME RETARDANCY

Flammability		UL 94	-	V0
Low Wire Flammability Index		IEC 695-2-1	°C	960

Molding conditions (suggested)

Molding temperature 220-260 °C	Mold temperature 30-60 °C
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Flame Retarding Agency: Bromine Conjunction (No Diphenylether) RoHS-Conformation

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