

Sinkral® LDT 113/01 is an ABS grade with increased thermal properties.
It has very good thermal properties and good mechanical properties.

This grade has an high thermal and dimensional stability that means high quality constancy.
It has a very low content of organic volatiles.

Applications

Developed for automotive sector, it is used in all the applications that need good thermal properties both in use and in post-processing (for eg. painting).

Typical processing data

Extrusion:

- we suggest drying for 4h at 80°C
- melt temperature 180 - 220°C

Injection molding:

- dry for 4h at 80°C
- melt temperature 240°C
- mold temperature 70°C

General information

Sinkral® LDT 113/01 is a grade under development, its name will be changed when completely developed.



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Provisional data sheet
Sinkral® LDT 113/01

ABS

Property	Test Conditions	Test method	Units	Values
Rheological				
Melt flow rate	220°C - 10kg	ISO 1133	g/10'	4,5
Mechanical				
Tensile stress at break	50 mm/min	ISO 527	MPa	36
Tensile stress at yield	50 mm/min	ISO 527	MPa	47
Tensile modulus	1 mm/min	ISO 527	MPa	2500
Izod impact strength, notched	+23°C - 4mm	ISO 180/1A	kJ/m ²	13
Thermal				
Deflection temperature under load (annealed)	1,82 MPa - 120°C/h	ISO 75 A	°C	100
Vicat softening temperature	50 N - 50°C/h	ISO 306/B	°C	112

Please consult the relevant safety data sheet for more detailed information.

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