

CEPLA CT-451

Polypropylene

CEPLA Co., LTD

Message:

CEPLA CT-451 is a Polypropylene material filled with filler. It is available in Asia Pacific, Europe, or Latin America.

Important attributes of CEPLA CT-451 are:

Heat Resistant

Impact Resistant

Typical application of CEPLA CT-451: Automotive

General Information	
Filler / Reinforcement	Filler
Features	High Heat Resistance
	High Impact Resistance
Uses	Automotive Applications
	Automotive Exterior Parts
	Automotive Interior Parts

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.970	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	32.4	MPa	ASTM D638
Flexural Modulus	1910	MPa	ASTM D790
Flexural Strength	35.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact			ASTM D256
-30°C	20	J/m	
23°C	59	J/m	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	130	°C	ASTM D648

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Recommended distributors for this material

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