

# SPESIN® KP270HL

Polybutylene Terephthalate

Kolon Plastics, Inc.

## Message:

SPESIN® KP270HL is a Polybutylene Terephthalate (PBT) product. It can be processed by injection molding and is available in Asia Pacific, Europe, Latin America, or North America. Primary characteristic: flame rated.

General Information			
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	19	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	55.9	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	110	%	ASTM D638
Flexural Modulus (23°C)	2490	MPa	ASTM D790
Flexural Strength (23°C)	94.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	221	°C	ASTM D3418
CLTE - Flow	8.0E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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## Recommended distributors for this material

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