Hanwha Total PP TB71S

Polypropylene

HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:

TB71S is a high crystalline polypropylene offering superior flexural modulus, surface hardness and tensile strength. TB71S is also effectively used to reduce weights in manufactured products.

General Information	
UL YellowCard	E140331-222957
Filler / Reinforcement	Talc,20% Filler by Weight
Additive	Antistatic
Features	Antistatic
	Crystalline
	Good Impact Resistance
	Good Processability
	Good Weather Resistance
	High Hardness
	High Heat Resistance
	High Rigidity
	High Tensile Strength
	Scratch Resistant
Uses	Automotive Exterior Parts
	Automotive Interior Parts
Forms	Pellets
Processing Method	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.2 to 1.6	%	ASTM D955

Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	33.3	MPa	
Break	25.5	MPa	
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Modulus	2300	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method

Notched Izod Impact			ASTM D256
-30°C	29	J/m	
23°C	54	J/m	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	130	°C	ASTM D648

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

WECHAT