Hanwha Total PP CB75

Polypropylene

HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:

CB75 is a High Specific Weight polypropylene that contains inorganic fillers in large quantities, so vibration-resistant stability is very good. Superb mechanical properties and size stability make this grade perfect for use in acoustic instruments such as a speaker housings.

General Information			
Features	Flame Retardant		
	High Rigidity		
	Vibration Damping		
Uses	Housings		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.35	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60 to 1.0	%	ASTM D955
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	85		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1] (Yield)	18.1	MPa	ASTM D638
Tensile Elongation [2] (Break)	20	%	ASTM D638
Flexural Modulus [3]	2940	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	42	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648
Flammability	**Nominal Value**		**Test Method**
Flame Rating	HB		UL 94
Injection	**Nominal Value**	**Unit**	
Front Temperature	200 to 220	°C	
Mold Temperature	50.0 to 80.0	°C	
Injection Pressure	39.2 to 88.3	MPa	
Holding Pressure	58.8 to 98.1	MPa	
Screw Speed	30 to 80	rpm	
NOTE			
1.	50 mm/min		

| 2. | 50 mm/min |
| 3. | 5.0 mm/min |

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