

## Chem Polymer Durlex 709 IH PBT, Impact Modified

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), Impact Grade

### Material Notes:

A highly impact modified PBT exhibiting excellent toughness and processability. Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chem-Polymer-Durlex-709-IH-PBT-Impact-Modified.php](http://www.lookpolymers.com/polymer_Chem-Polymer-Durlex-709-IH-PBT-Impact-Modified.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in <sup>3</sup>	ASTM D792
Melt Flow	4.0 g/10 min	4.0 g/10 min	Condition T

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	35.0 MPa	5080 psi	ASTM D638
Elongation at Break	90 %	90 %	ASTM D638
Flexural Yield Strength	45.0 MPa	6530 psi	ASTM D790
Flexural Modulus	1.60 GPa	232 ksi	ASTM D790
Izod Impact, Notched	NB	NB	ASTM D256
	2.24 J/cm @Temperature -40.0 °C	4.20 ft-lb/in @Temperature -40.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	219 °C	426 °F	ASTM D789

Processing Properties	Metric	English	Comments
Melt Temperature	254 °C	489 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China