

Lucent PBT PBT-FR310

Polybutylene Terephthalate

Lucent Polymers, Inc.

Message:

Flame Resistant Polybutylene Terephthalate

Add "R" for Added Release

Add "U" for UV Stabilizer

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	58.6	MPa	ASTM D638
Tensile Elongation (Break)	8.0	%	ASTM D638
Flexural Modulus	2760	MPa	ASTM D790
Flexural Strength	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.1	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (3.18 mm)	V-0		UL 94

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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



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