



# PolyFR 160<sup>TM</sup>

FLAME RETARDANT COMPOUND

## DATA SHEET

### PolyFR 160<sup>TM</sup> FLAME RETARDANT COMPOUND

#### Product Description

PolyFR-160<sup>TM</sup> is a non-halogen flame retarded glass-filled polypropylene compound designed for use in applications where high stiffness and flame retardant performance is required. It has outstanding impact strength and tensile properties. It is recyclable.

Physical Properties	Typical Values		Test Method
	English	SI	
Specific Gravity	1.15	1.15	ASTM D792
Hardness (A)	94	94	ASTM D2240
Melt Flow Rate (g/10 min)	0.65	0.65	ASTM D1238

#### Mechanical Properties

Impact Strength, Izod			
Notched 1/8 inch	No Break	No Break	ASTM D256
Tensile Strength	3400 psi	23.4 MPa	ASTM D638
Ultimate Elongation	6%	6%	ASTM D638

#### Thermal Properties

Flammability	V0 @ 1/8 in.	V0 @ 3.2mm	UL-94
Bloom	No	No	Visual

#### Injection Molding Process

Melt Temperature	365-383 °F	185-195 °C
Drying	2-4 hrs @ 221 °F	2-4 hrs @ 105 °C

#### Health and Safety Information

Product health and safety information may be obtained from the Material Safety Data Sheet (MSDS). For a copy, please call 440-354-2551 or email at: [kara.opritza@jji-technologies.com](mailto:kara.opritza@jji-technologies.com).

Before using any product, a customer is advised to review the MSDS of a respective product.

PolyFR 160<sup>TM</sup> does not contain halogens, heavy metals or phthalates.

For more information or samples call:

1-877-JJI-FAQS (877-554-3277)

OR visit us online: [www.JJI-Technologies.com](http://www.JJI-Technologies.com)