



PolyFR 161TM

FLAME RETARDANT COMPOUND

DATA SHEET

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Product Description

PolyFR-161TM is a non-halogen flame retarded Sarlink TPV compound designed for use in applications where UL-94 V0 performance is required. It has outstanding low and ambient temperature impact strength and tensile properties. It is recyclable.

Physical Properties	<u>Typical Values</u>		
	English	SI	Test Method
Specific Gravity	1.08	1.08	ASTM D792
Hardness (D)	45.9	45.9	ASTM D2240
Melt Flow Rate (g/10 min)	0.47	0.47	ASTM D1238

Mechanical Properties

Impact Strength, Izod

Notched 1/8 inch	No Break	No Break	ASTM D256
Tensile Strength	1432 psi	9.87 MPa	ASTM D638
Ultimate Elongation	297%	297%	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 @ 176 °F	2-4 hrs @ 80 °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.

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

PolyFRTM 161 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