

# StarStran® 738

CHOPPED  
STRANDS

## Product description:

StarStran® chopped strands with 738 sizing are produced by chopping E-glass fibers coated with a silane based sizing. StarStran® 738 has been specifically designed as a highly effective reinforcement for polypropylenes.

## Benefits:

- Excellent matrix bonding in PP
- Good strand integrity
- Effective fiber dispersion
- Optimal fiber distribution

## Resin compatibility:

- Polypropylene (PP)
- Polyolefins



**Designation:** Glass type is E-Glass

JM Designation	Region	Filament Diameter (µm) ISO 1888	Sizing Designation	Chopped Strands Length (inch / mm)
StarStran® EC 14 738 4 mm	NA	14	738	4 mm

**Mechanical Properties:**

Based on PP formulation with 1.2% coupling agent			StarStran® EC14 738
<b>Tensile</b> according to ASTM D638 - Type I	<b>Strength</b>	MPa	60.0
	<b>Modulus</b>	GPa	2.4
	<b>Elongation</b>	%	4.7
<b>Izod</b> according to ASTM D256	<b>Unnotched</b>	kJ/m <sup>2</sup>	59.4
	<b>Notched</b>	kJ/m <sup>2</sup>	13.9
<b>Glass content</b>		%	30

Note: the values shown above are typical properties provided only for guidelines purposes within JM product range. Actual values may vary due to processing conditions such as the resin used, compound composition, type and size of the extruder, type and conditions of the injection molding machine.

**Packaging:**

Region	Packaging Type	Pallet dimensions (inch)	Net Weight per pallet (Lbs)	Bag per pallet
NA	Bulk Bag	45" x 45"	1800	1

**Storage:**

These products should be stored in original packaging in dry, roofed, dust free storehouses. The recommended temperature is between 10°C to 30°C (50°F to 86°F) at relative air humidity between 50% to 75%. The products should remain in the original packaging and be conditioned in the work area for a minimum of 24 hours prior to use. The pallets should be single stacked unless otherwise specified on the packaging unit.

**Values:**

All data represent typical average values.

Warranty disclaimer :

The physical (or chemical) properties of Johns Manville products represent typical average values obtained in accordance with accepted test methods at the time of manufacture and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check the Johns Manville office to assure current information. For a copy of the Johns Manville Limited Warranty and Limitation of Remedy or other product information, contact your local Sales Representative.

**US Headquarters**

Johns Manville  
717 17th Street  
Denver, CO 80202 - USA  
Phone: +1 (303) 978 2000

**Customer-Service-Offices:****North America**

Johns Manville  
7500 Dutch Road  
Waterville, OH 43566 - USA  
Phone: +1 (800) 554 4826  
Fax: +1 (419) 878 1538

**Europe**

Johns Manville Slovakia, a.s.  
Strojárska 1  
91799 Trnava - Slovakia  
Phone: +421 (0) 33 5918 249  
Contact: fibers@jm.com

[www.jm.com](http://www.jm.com)

[www.jmfibers.com](http://www.jmfibers.com)