

Noble Polymers is proud to introduce our newest product line of thermoplastic elastomers called Flextuff™. The unique properties of the Flextuff Series are ideal for applications in residential building materials and office furniture. Flextuff is available in a range of hardness levels, can be made in a variety of colors, is cost-effective and easy to process.

Flextuff is designed for both injection molded and extrusion applications, and is a suitable replacement for flexible PVC in many cases. Unlike thermoset rubbers, Flextuff is not cross linked, thereby making it much more recyclable and easy to recycle. Another offering from Noble Polymers designed with sustainability in mind.

PROPERTIES

- Standard product line available in 30 Shore A – 90 Shore A hardness
- Custom formulation range is 30 Shore A – 45 Shore D hardness
- Good compression set
- Easy to process
- Good chemical resistance
- Easy to recycle

INJECTION MOLDING CONDITIONS

- Molding temperature range is 380 – 450° F
- Water temperature range is 80 -130° F

EXTRUSION CONDITIONS

- Extrusion temperature range is 356° – 428° F

Product Group	Shore Hardness	Specific Gravity (g/cc)	Tensile Strength yield, psi	Melt Flow 230° C 2.16 kg (g/10 min)
Flextuff 2806	65 Shore A	0.92	540	NA
Flextuff 2887	76 Shore A	0.96	900	NA
Flextuff 2808	85 Shore A	1.14	1109	2.1



4855 Thirty-Seventh Street SE
Grand Rapids, MI 49512
Phone - 616.975.4987
Fax - 616.975.4803
www.noblepolymers.com
info@noblepolymers.com

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The above information gives typical properties only. Product specifications may be obtained upon request. Final determination of the suitability of any information or material for the use contemplated, the manner of use, and whether there is any infringement of patents is the sole responsibility of the user.

At Noble Polymers, we build compounds that provide innovative solutions to engineering problems. We want to work with you to create a solution that makes sense for both your application and your bottom line.