

## PS320

Technical Data Sheet

## High Impact Extrusion

### Applications

- Packaging
- Toys & Games
- Food Service
- Thermoforming

### Properties

- Ease of Processing
- Matte Surface Finish
- Good Printability
- Good Low Temp Toughness

### PROPERTIES

### VALUE

### METHOD

PROPERTIES	VALUE	METHOD
Melt Flow (gm/10 min)	3.0	ASTM D1238
Specific Gravity	1.03	ASTM D792
Tensile Strength <sup>(1)</sup> , 2 in/min (psi)	2750	ASTM D638
Tensile Modulus <sup>(1)</sup> , 2 in/min (psi)	235500	ASTM D638
Tensile Elongation <sup>(1)</sup> , 2 in/min (%)	74	ASTM D638
Flexural Strength <sup>(2)</sup> , 0.1 in/min (psi)	4600	ASTM D790B
Flexural Modulus <sup>(2)</sup> , 0.1 in/min (psi)	239000	ASTM D790B
Notched Izod at 73°F <sup>(1)</sup> , (ft-lb/in)	2.1	ASTM D256
Vict Softening Temp. <sup>(2)</sup>	212	ASTM D1525
Deflection Temp. Under Load <sup>(2)(3)</sup> (F°)	185	ASTM D648
Mold Shrinkage, 24 hours (in/ in)	0.004-0.008	ASTM D955

### FDA

This material complies with FDA regulations in 21 CFR, section 177.1640.

### Notes

- (1) Thickness of samples tested, 0.125 inch.
- (2) Thickness of samples tested, 0.250 inch.
- (3) Testing condition is at 264 psi.

