

## Description

**Polypropylene 3272** complies with all application FDA regulations for food contact applications.

**Applications:** 3272 is recommended in orientation processes for manufacture of packaging tapes and films.

**Processing:** 3272 processes on oriented film extrusion equipment with typical melt temperatures of 450°F-525°F (232°C-274°C).

## Characteristics

	Method	Unit	Typical Value
<b>Rheological Properties</b>			
Melt Flow	D-1238 Condition 230°C/2160G	g/10 min	2.2
<b>Film Properties, Oriented <sup>(1)</sup></b>			
Haze	D-1003	%	1.0
Gloss, 45°	D-2457	%	85
Elongation	D-882	%	150 (60)
Ultimate Tensile	D-882	psi MD (psi TD)	22,000 (35,000)
Tensile Modulus	D-882	psi MD (psi TD)	350,000 (600,000)
WVTR	F-1249-90	g/100 sq-in/24 hrs./mil @ 100°F, 90% RH	0.3
<b>Thermal Properties <sup>(1)</sup></b>			
Melting Point	DSC <sup>(2)</sup>	°F (°C)	325 (163)
<b>Other Physical Properties</b>			
Density	D-1505	g/cc	0.905

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.

(2) MP determined with a DSC-2 Differential Scanning Calorimeter. Test procedure available upon request.

(3) Tenter-frame oriented film.