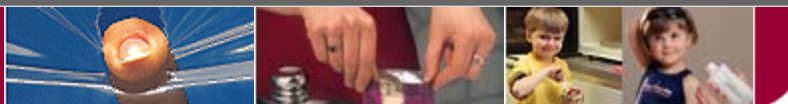


Product Information

Selar® PA



For more information, e-mail us at: packaging@dupont.com

DuPont™ Selar® PA 2072 amorphous nylon resin

Description

Selar® PA 2072 is an amorphous nylon (polyamide) resin which is specially designed for blending with ethylene vinyl alcohol (EVOH) copolymers. Selar® PA 2072 can be tumble-blended with most grades of EVOH to form blends which combine the excellent barrier properties of EVOH with the deep-draw thermoforming properties, processing flexibility and moisture-insensitivity of Selar® PA. In addition, Selar® PA 2072 provides better adhesion in blends with EVOH than other grades of amorphous nylon, and this may allow converters to use less expensive adhesives.

Table 1 — Selar® PA 2072 — Typical Properties, 1 mil Films
23°C (73°F), 50% R.H., unless otherwise specified

Property	ASTM Method	S.I. Units	English Units
Specific Gravity	D-1505	1.19 g/cm ³	74.3 lb/ft ³
Tg (dry)	D-3418	125°C	257°
Tensile Strength	D-882	70 MPa	10 kpsi
Elongation to break	D-882	20%	20%
Flexural Modulus	D-790	2800 MPa	400 kpsi
Haze	D-1003	<1%	<1%

FDA Compliance

All grades of Selar® PA comply with FDA regulation 21 CFR 177.1500 (a)(12) regarding food contact. Selar® PA can be used with all types of food, except those with more than 8% alcohol. There is no FDA limitation on the temperature of the food or the thickness of the Selar® PA in contact with the food.

DuPont has several patents covering blends of amorphous nylon with EVOH copolymers and related multilayer structures. Contact your DuPont representative for information on obtaining a label license.

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