

Data Sheet
Date Prepared:

MDPE PD800F

YUCLAIR PD800F is medium density polyethylene resin with broad molecular weight distribution and relatively low melt index of 0.25 g/10min. It offers a high degree of cold temperature impact resistance, stress crack resistance and toughness combined with good processability.

Application / Use Case

Pipe

Specification

	Specification	Unit	Test Method
Density	0.953	g/cm ³	ASTM D792
Melt Index	0.26	g/10min	ASTM D1238

Physical Properties

	Specification	Unit	Test Method
Softening Point(Vicat)	121	°C	ASTM D1525
Tensile Strength at Yield	240	kg/cm ²	ASTM D638
Elongation at Break	950	%	ASTM D638
IZOD Impact Strength(Notched, 23°C)	NB	kg·cm/cm	ASTM D256
ESCR	>1,000	hr	ASTM D1693
Flexural Modulus	7,200	kg/cm ²	ASTM D790

These are typical properties only, and are not to be construed as specific limits.

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