

	<b>Product Data Sheet</b>	Issue Date : 01.01.10
<b>Product Name</b>	<b>Futura HiShrinkPET - Type 409</b>	<b>Old Type No. 500160/20100</b>

### Recommended Applications

- ▶ High shrink film / sleeves for packaging in cosmetic toiletry, pharma, food and beverages industries.
- ▶ Full container coverage, Unique shape container coverage.

### Product Features

- ▶ Futura HiShrink PET is a PET based copolyester resin.
- ▶ Imparts good clarity, high strength and good printability.
- ▶ Needs moderately lower temperature to achieve required shrinkage.
- ▶ Available with anti blocking agent.
- ▶ Totally recyclable under SPI code no.1.

### Properties

Characteristic	Unit	Type 409	Test Method
		D11	
Intrinsic Viscosity @ 30°C	dL/g	0.80 ± 0.02	FPL-QP-V-20-58
b* Color	CIE Lab	0 Max	FPL-QP-S-20-55-Part-B-XXI
Carboxyl Number	meq/kg	25 Max	FPL-QP-T-20-55-Part-B-VIII
Melting Point	°C	190 ± 5	FPL-QP-DSC-20-55-Part-B-XVII #
Weight of 20 Chips	mg	300 ± 50	FPL-QP-W-20-55-Part-A-I
Moisture (when packed)	wt. %	0.25 Max	FPL-QP-E-20-55-Part-B-VI

# Determined using DSC second heating cycle.

### Packing

Resin can be supplied in 1000 kg PP jumbo bags with LDPE liner at 20 bags per 20 ft FCL container as required.

### Contact Address

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