

	Product Data Sheet	Issue Date : 01.10.11
Product Name	Futura SilicaPET – Type 410	Old Type No. Nil

Recommended Applications

- ▶ Film applications.

Product Features

- ▶ Futura SilicaPET is a PET based copolyester resin containing Silica.
- ▶ Intrinsic Viscosity and Silica content can be customized.
- ▶ Futura SilicaPET Type-410 MB is a master batch.
- ▶ Futura SilicaPET is completely recyclable under SPI code no.1.

Properties

Characteristic	Unit	Type 410		Test Method
		D7	MB	
Intrinsic Viscosity @ 30°C	dL/g	0.63 ± 0.02	0.63 ± 0.02	FPL-QP-V-20-58
b* Color (as such)	CIE Lab	1.0 max.	1.0 max.	FPL-QP-S-20-55-Part-B-XXI
Carboxyl Number	meq/kg	40 max.	40 max.	FPL-QP-T-20-55-Part-B-VIII
Melting Point	°C	252 ± 3	250 ± 3	FPL-QP-DSC-20-55-Part-B-XVIII #
Silica content	ppm	600 ± 50	4000 ± 200	FPL-QP-A-20-55-Part-B-XXIV
Bulk Density	g/cc	0.80 ± 0.10	0.80 ± 0.10	FPL-QP-P-20-55-Part-B-XX
Weight of 20 Chips	mg	300 ± 50	300 ± 50	FPL-QP-W-20-55-Part-A-I
Moisture (when packed)	wt.%	0.25 max.	0.25 max.	FPL-QP-E-20-55-Part-B-VI

Determined using DSC second heating cycle.

Packing

Resin can be supplied in 900 kg PP jumbo bags with LDPE liner at 20 bags per 20 ft FCL container as required.

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