

	<b>Product Data Sheet</b>	<b>Issue Date : 01.10.11</b>
<b>Product Name</b>	<b>Futura TexPET- Flame Retardant Type 207</b>	<b>Old Type No. 20105</b>

### Recommended Applications

- ▶ Flame retardant textile/fiber applications.

### Product Features

- ▶ Futura TexPET-Flame Retardant is a polyester based resin containing reactive phosphorous based halogen free flame retardant additive.
- ▶ High standard technology of TiO<sub>2</sub> incorporation ensures excellent polymer characteristics such as filterability, uniform TiO<sub>2</sub> distribution etc.
- ▶ Phosphorus content and Intrinsic Viscosity can be customized as per customer's requirement.

### Properties

Characteristic	Unit	Type 207		Test Method
		B – Y3	SD – Y3	
Intrinsic Viscosity @ 25°C	dL/g	0.61 ± 0.02	0.61 ± 0.02	FPL-QP-V-20-58
TiO <sub>2</sub> Content	wt.%	Nil	0.25 ± 0.02	FPL-QP-A-20-55-Part-B-XXIV
Phosphorous Content	wt.%	0.60 ± 0.02	0.60 ± 0.02	FPL-QP-S-20-55-Part-B-XV
b*Color (as such)	CIE Lab	4 max.	4 max.	FPL-QP-S-20-55-Part-B-XXI
Carboxyl Number	meq/kg	50 max.	50 max.	FPL-QP-T-20-55-Part-B-VIII
Melting Point	°C	242 ± 3	242 ± 3	FPL-QP-DSC-20-55-Part-B-XVIII #
DEG	wt.%	2.5 max.	2.5 max.	FPL-QP-GC-20-55-Part-B-XIII
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	570 ± 50	570 ± 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.

### Contact Address

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