	<b>Product Data Sheet</b>	Issue Date : 01.01.10
<b>Product Name</b>	<b>Futura TexPET- Cationic Dyeable Type 203S</b>	Old Type No. 20102

### Recommended Application

- ▶ Cationic dyeable PSF.

### Product Features

- ▶ Futura TexPET-Cationic Dyeable is a Polyester based resin manufactured using high quality CDP additive which offers deep dyeing capability.
- ▶ High standard technology of TiO<sub>2</sub> incorporation ensures excellent polymer characteristics such as filterability, uniform TiO<sub>2</sub> distribution etc.
- ▶ CDP salt can be customized.

### Properties

Characteristic	Unit	Type 203S			Test Method
		B – W9	SMB – W9	SD – W9	
Intrinsic Viscosity @ 25°C	dL/g	0.49 ± 0.02	0.49 ± 0.02	0.49 ± 0.02	FPL-QP-V-20-58
TiO <sub>2</sub> Content	wt.%	Nil	0.04 ± 0.005	0.30 ± 0.02	FPL-QP-A-20-55-Part-B-XXIV
b*Color (as such)	CIE Lab	4 max.	4 max.	4 max.	FPL-QP-S-20-55-Part-B-XXI
Carboxyl Number	meq/kg	40 max.	40 max.	40 max.	FPL-QP-T-20-55-Part-B-VIII
Melting Point	°C	242 ± 3	242 ± 3	242 ± 3	FPL-QP-DSC-20-55-Part-B-XVIII #
DEG	wt. %	4.0 max.	4.0 max.	4.0 max.	FPL-QP-GC-20-55-Part-B-XIII
Bulk Density	g/cc	0.80 ± 0.10	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	570 ± 50	FPL-QP-W-20-55-Part-A-I
Moisture (when packed)	wt. %	0.25 max.	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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	<b>Product Data Sheet</b>	Issue Date : 01.01.10
<b>Product Name</b>	<b>Futura TexPET- Cationic Dyeable Type 203Y</b>	<b>Old Type No. 20102</b>

### Recommended Application

- ▶ Cationic dyeable POY.

### Product Features

- ▶ Futura TexPET-Cationic Dyeable is a Polyester based resin manufactured using high quality CDP additive which offers deep dyeing capability.
- ▶ High standard technology of TiO<sub>2</sub> incorporation ensures excellent polymer characteristics such as filterability, uniform TiO<sub>2</sub> distribution etc.
- ▶ CDP salt can be customized.

### Properties

Characteristic	Unit	Type 203Y			Test Method
		B-X3	SMB-X3	SD-X3	
Intrinsic Viscosity @ 25°C	dL/g	0.53 ± 0.02	0.53 ± 0.02	0.53 ± 0.02	FPL-QP-V-20-58
TiO <sub>2</sub> Content	wt.%	Nil	0.04 ± 0.005	0.30 ± 0.02	FPL-QP-A-20-55-Part-B-XXIV
b*Color (as such)	CIE Lab	4 max.	4 max.	4 max.	FPL-QP-S-20-55-Part-B-XXI
Carboxyl Number	meq/kg	40 max.	40 max.	40 max.	FPL-QP-T-20-55-Part-B-VIII
Melting Point	°C	244 ± 3	244 ± 3	244 ± 3	FPL-QP-DSC-20-55-Part-B-XVIII #
DEG	wt. %	3.0 max.	3.0 max.	3.0 max.	FPL-QP-GC-20-55-Part-B-XIII
Bulk Density	g/cc	0.80 ± 0.10	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	570 ± 50	FPL-QP-W-20-55-Part-A-I
Moisture (when packed)	wt. %	0.25 max.	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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