	Product Data Sheet	Issue Date : 01.10.11
Product Name	Futura TexPET- Cationic Dyeable Type 203S	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 TiO₂ incorporation ensures excellent polymer characteristics such as filterability, uniform TiO₂ distribution etc.
- ▶ CDP salt can be customized.

Properties

Characteristic	Unit	Type 203S		Test Method
		B – W9	SD – W9	
Intrinsic Viscosity @ 25°C	dL/g	0.49 ± 0.02	0.49 ± 0.02	FPL-QP-V-20-58
TiO ₂ Content	wt.%	Nil	0.25 ± 0.02	FPL-QP-A-20-55-Part-B-XXIV
b*Color (as such)	CIE Lab	4 max.	4 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	242 ± 3	242 ± 3	FPL-QP-DSC-20-55-Part-B-XVIII #
DEG	wt. %	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	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

Futura Polymers, a division of Futura Polyesters Limited, 1-A Kamarajar Salai, Manali, Chennai, India - 600 068.	Tel : + 91 44 25941313 – 17, 25941704 – 05 Fax : + 91 44 25941615, 1054, 1566 e-mail : futurach@futura polyesters.com Web : www.futura polyesters.com
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	Product Data Sheet	Issue Date : 01.10.11
Product Name	Futura TexPET- Cationic Dyeable Type 203Y	Old Type No. 20102

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 TiO₂ incorporation ensures excellent polymer characteristics such as filterability, uniform TiO₂ distribution etc.
- ▶ CDP salt can be customized.

Properties

Characteristic	Unit	Type 203Y		Test Method
		B-X3	SD-X3	
Intrinsic Viscosity @ 25°C	dL/g	0.53 ± 0.02	0.53 ± 0.02	FPL-QP-V-20-58
TiO ₂ Content	wt. %	Nil	0.25 ± 0.02	FPL-QP-A-20-55-Part-B-XXIV
b*Color (as such)	CIE Lab	4 max.	4 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	244 ± 3	244 ± 3	FPL-QP-DSC-20-55-Part-B-XVIII #
DEG	wt. %	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	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

Futura Polymers, a division of Futura Polyesters Limited, 1-A Kamarajar Salai, Manali, Chennai, India - 600 068.	Tel : + 91 44 25941313 – 17, 25941704 – 05 Fax : + 91 44 25941615, 1054, 1566 e-mail : futurach@futura polyesters.com Web : www.futura polyesters.com
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