PRODUCT BULLETIN

August 2018

DION® FR 6900-00

Flame-Retardant Polyester Resin

DESCRIPTION

DION® FR 6900-00 is a low-viscosity, high-bromine blending resin designed for formulating flame-retardant polyester resins and compounds.

BENEFITS & FEATURES

- Batch-to-batch consistency and uniformity from production utilizing Statistical Process Control (S.P.C) & Statistical Quality Control (S.Q.C) techniques
- Less material is needed to achieve a desired level of flame-retardance due to high bromine content
- Reduced VOC content
- Low viscosity

PROPERTIES – LIQUID

Property(1)	Unit	6900-00
NVM	%	70
Viscosity(2)	cps	325
SPI Gel Time(3)	minutes	6.5
Time to Peak	minutes	9.0
Peak Exotherm	°C/°F	177/350
Specific Gravity	-	1.46
Flash Point (Seta Closed Cup)	°C/°F	32/89

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer RVF Spindle #2 at 20 RPM
3) 1.0% BPO

APPLICATION

Each user must determine the suitability of this product to his/her particular mode of operation and intended end-use application. A Polynt representative will be available to assist in the proper selection of all Polynt-Reichhold products available for commercial use.

SHELF LIFE & STORAGE

The shelf life of DION® FR 6900-00 is 120 days from the date of manufacture from Polynt. To maximize usage life and maintain optimum properties, resins and gel coats should be stored in the original closed container at temperatures below 23°C/73°F and away from ignition sources and sunlight. Keep containers sealed to prevent moisture pick-up and monomer loss.

SAFETY & WARRANTY

To receive a copy of our safety and warranty information, please email safetyandwarranty@polynt.com.