

## Shandong Dongyue Shenzhou New Material Co CHF105 Perfluorosulfonic Acid Ion-Exchange Resin (PFSA)

Category : Polymer , Thermoplastic , Fluoropolymer

### Material Notes:

Conformable with: Q/DYS 001-2007 Perfluorosulfonic Acid Ion-Exchange Resin is a polymer, with good stability and chemical resistance properties, which are widely used in chlor-alkali industry, proton exchange membrane fuel cells, lithium-ion rechargeable batteries, other fields such as electrolysis devices, sewage disposal, chemical catalysis, photocatalysis, gas separation, functional composite materials, particular electrical active polymers used for robot. Main Applications: The resin can be used to produce ion exchange conductive membrane, fuel cell proton ion membrane, super acid catalyst, super stable ion-exchange agent, etc. Information Provided by Shandong Dongyue Shenzhou New Material Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Shandong-Dongyue-Shenzhou-New-Material-Co-CHF105-Perfluorosulfonic-Acid-Ion-Exchange-Resin-PFSA.php](http://www.lookpolymers.com/polymer_Shandong-Dongyue-Shenzhou-New-Material-Co-CHF105-Perfluorosulfonic-Acid-Ion-Exchange-Resin-PFSA.php)

Physical Properties	Metric	English	Comments
Density	1.93 - 2.03 g/cc	0.0697 - 0.0733 lb/in <sup>3</sup>	Resin

Thermal Properties	Metric	English	Comments
Decomposition Temperature	>= 350 °C	>= 662 °F	

Descriptive Properties	Value	Comments
Appearance	Translucent granular	
Exchange Capacity (IEC) (mmol/g)	1.03-1.07	
Group Formula	Rf-SO <sub>2</sub> F, RF-SO <sub>3</sub> Na, Rf-SO <sub>3</sub> H	

## Contact Songhan Plastic Technology Co.,Ltd.

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