

# Pyre-ML® RC-5057

Aromatic Polyimide

Industrial Summit Technology Co.

## Message:

The Pyre ML® product line encompasses a family of enamels employed in insulation of magnet wire. The insulated wire based on Pyre ML® enamel has the highest thermal rating of 240° C continuous use temperature from NEMA. In addition to its very high thermal rating, wire insulated with Pyre ML® enamel has very good flexibility and excellent solvent resistance. This outstanding combination of properties has made Pyre ML® insulation the choice for the most demanding magnet wire applications for over four decades. To fulfill customers strong demands in recent years, we have made additions to the family, such as higher solids level products that allow more efficient manufacture of magnet wires. These new high solids level products developed by our lab have been used by many magnet wire manufacturers and acquired excellent reputations by increasing their productivity.

General Information		
Features	Good Flexibility	
	Good Thermal Stability	
	Solvent Resistant	
Uses	Cable Jacketing	
	Wire & Cable Applications	
Physical	Nominal Value	Unit
Density	1.05	g/cm <sup>3</sup>
Solution Viscosity	5000 to 7000	mPa·s
Solids Content	15 to 16	%
Content <sup>1</sup>		
Aromatic Hydrocarbon	20	%
N-Methylpyrrolidone (NMP)	80	%
NOTE		
1.	Solvent	

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