



Polyurethane System House

Datasheet for 4418

This polyol blend is used for discontinuous rigid industry by using **PM200** isocyanate to make sustainable rigid foams for Refrigerator and the same.

1. 4418(polyol) properties:

NO	characteristic	Unit	Specification
1	Appearance	-	viscose liquid
2	Color	-	Light yellow
3	Viscosity at 25°C	Cps	1000-2500
4	Moisture	%	1-2
5	Hydroxy value	mgKOH/g	400-450
6	PH	-	8.5-9
7	Density	g/cm ³	1.03±0.02

2. PM200 (isocyanate) properties:

NO	characteristic	Unit	Specification
1	Appearance	-	Opaque viscose liquid
2	Color	-	Dark brown
3	Chemical composition	-	Modified MDI
4	Viscosity at 25°C	Cps	250±50
5	NCO%	Wt%	30±2
6	Acidity		<0.1
7	Density	g/cm ³	1.20±0.05



3. Process properties:

NO	characteristic	Unit	Specification
1	Cream time	Sec	12±1
2	gel time	Sec	62±5
3	Ris time	Sec	100±5
4	Tack free time	Sec	107±5
5	Mold temperature	°C	-
6	Processing temperature	°C	26±1
7	Polyol/iso Ratio	-	100/55
8	Free rise density	Kg/m ³	25±1

Disclaimer:

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