## 酸溶解グレード PR-X23099

Acid soluble, solvent soluble grade PR-X23099

- ●特徴 characteristic
- カチオンタイプで酸性領域で適用可  $\checkmark$ Cationic type applicable in acid solution
- 各種溶剤への溶解性が良好 High solubility in various solvents
- 低粘度で取り扱い性に優れる Low viscosity and easy to handle
  - ●樹脂特性 Resin property

●粘度&溶剤溶解性
Viscosity & Solvent Solubility

<u>Visc</u>	<u>cosity</u> Grade	<b>Viscosity</b> mPas/25℃	
	PR-56449	770	
	PR-X23115	400	
	PR-56451	3000	
	PR-X23099	160	
<u>Solı</u>	<u>ibility</u>		
<u>Solı</u>	Solvent	PR-X23099	
		PR-X23099	
<u>Solu</u>	Solvent		
<u>Solu</u>	<b>Solvent</b> Distilled water 7.5% H <sub>3</sub> PO <sub>4</sub>	0	
<u>Solu</u>	Solvent Distilled water 7.5% H <sub>3</sub> PO <sub>4</sub> aqueous solution Ethanol Acetone	© ©	

## ◎: Over 5 times, O: Over 1 times,

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Item	PR-X23099		
イオン性 Ion	カチオン Cation		
遊離フェノール Free phenol %	<0.1		
 遊離ホルムアルデヒドFree formaldehyde %	<0.1		
灰分 Ash content %	0		
粘度 Viscosity mPa⋅s,25℃	160		
 ゲル化時間 Gelation time Sec/165℃	320		
 不揮発分 Resin content %/135℃	49		
 pH -/25℃	5.4		
 固定炭素 Fixed carbon %/800℃	16		

溶解性 solubility

Grade	PR- 56367	PR- 56449	PR- 56451H	PR- 56451	PR- X23099
Distilled water	Ô	Ô	O	Ô	Ô
5% NaOH aqueous solution	Ø	Ø	Ø	Ø	×
7.5% $H_3PO_4$ aqueous solution	×	×	×	×	Ø
Methanol	Ô	×	×	×	Ø
Ethanol	Ô	×	×	×	Ø
IPA	×	×	×	×	0
Butanol	×	×	×	×	0
Acetone	0	0	0	0	0
MEK	0	×	×	×	×
Propyleneglycol monomethylether	Ø	0	0	Ø	Ø
◎:5倍以上, Over 5 times,	O:1倍以上, Over 1 times,	×:希釈できれ Insoluble	ない。		

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