Purol®

AROMATIC POLYESTER POLYOL	APPLICATIONS						TYPICAL CHEMICAL PROPERTIES				
Grades	Adhesives	PUR Hot Melts	PU Coatings	PU RIGID FOAM	Elastomers	Performance features	Base	Viscosity (cPs, 25°C)	Average Molecular Weight	Hydroxyl Value (mgKOH /g)	Acid Value (mgKOH /g)	Functionality
PUROL R-01				●		Promotes flammability resistance.	Aromatic-Brominated	5500 - 8500	1190	165	2 max	3.5
PUROL R-02			●	●		Promotes flammability resistance.	Aromatic-Brominated	5000 - 8000	570	295	3 max	3.0
PUROL RT-03				●		Good solubility in n-pentane, isopentane and cyclopentane Rigid PIR-PUR formulations.	PET	5500 - 9500	468	300	2 max	2.5
Purol R-04	●		●	●	●	Promotes flammability resistance. The product exhibits fast reactivity, very good hydrolytic resistance and thermal stability.	Phthalic Anhydride	2000 - 3000	356	320	3 max	2.0
PUROL R-06	●	●	●	●	●	The high aromatic content promotes char formation making it a suitable product supporting flame retardant foam properties.	Phthalic Andydride	7500 - 10000	458	240	2 max	2.0
PUROL R-08	●	●	●	●	●	Increases insulation ability and improves flammability resistance.	Phthalic Andydride	3000 - 4000	362	310	2 max	2.0
PUROL R-09	●		●	●	●	For formulation of Rigid PUR-PIR formulations blown with HCFC-141b and water or with hydrocarbons, adhesives, sealants, elastomers and urethane coatings.	Phthalic Andydride	2000 - 4000	490	240	1 max	2.1
PUROL RT-16				●		Based on aromatic and aliphatic dibasic acids, diol and triol. It improves mechanical and flame-resistance properties.	Phthalic Anhydride	14000 - 20000	500	360	2 max	3.2