



XUCHUAN CHEMICAL (SUZHOU) CO., LTD

Xie Xin Road, Taicang Port Development Zone, Taicang China

POLYESTER -POLYURETHANE FOOTWEAR SYSTEM

Material name :XC-6002C/XC-8280

Characteristic: high strength, good abrasion resistance and oil resistance

Application : double density safety shoes and casual shoes



Safety shoes

Name of products	Appearance	Viscosity (mPa·s/40°C)	Density (g/cm ³)	Package(kg)
XC-6002C(Poly)	cream white liquid	800~1100	1.01~1.02	18/225
XC- 8280(Iso)	Yellowish transparent liquid	600~900	1.08~1.2	20/225

Typical processing parameters & Reaction parameter

Items	A/B Materials		A/B Mix ratio		Cream Time (s)	End of Rise Time (s)	Free Rise Foam Density(g/cm³)		Mold Temperature (°C)	Demould Time(min)
	Temperatures (°C)		(By weight)							
Parameter	38~42/40~45	outsole	midsole	6~8	40~50	sole	midsole	45~55	3~5	
		100/70~75	100/95~105			0.45~0.55	0.25~0.35			

Molded shoe sole physical properties

Items	Molded Density (g/cm ³)		Hardness (Shore A)		Tensile strength (MPa)		Sole abrasion		Peel strength(KN/m)	Flexing Resistance
	outsole	insole	outsole	Insole	outsole	insole	SD<250 mm3	DD<150 mm3		
Physical properties	0.9~1.1	0.45~0.55	55~60	45~55	9.0~11.0	5.0~9.0	80-100	30-45	≥4.0	30,000times no crack

*Demold time may be prolonged with the increase of sole thickness

*These physical data are acquired by testing a sample of 6mm thick.

For more information pls send mail to :

chh@chinaxuchuan.com

Cell phone 0086 15006224607 Mr. Allen Chan