



## POLYESTER -POLYURETHANE FOOTWEAR SYSTEM

Material name :XC-2260/XC-8580

Characteristic: Good handle, low density and high physical properties

Application : outsole, midsole.



Name of products	Appearance	Viscosity (mPa • s/40°C)	Density (g • cm <sup>-3</sup> /40°C)	Package(kg)
XC-2260(A-pol)	cream white liquid	800~1200	1.01~1.02	210
XC- 8580(B-iso)	Yellowish transparent liquid	600~800	1.08~1.2	225

### Typical processing parameters & Reaction parameter

Items	A/B Materials Temperatures (°C)	A/B Mix ratio (By weight)	Cream Time (s)	End of Rise Time (s)	Free Rise Foam Density(g/cm <sup>3</sup> )	Mold Temperature(°C)	Demold Time(min)
Parameter	40~45/38~42	100/106~110	6~8	40~50	0.22~0.25	45~55	2~3

*The XC-2 is catalyst Should be added 3-3.5kg/drum*

*The XC-100 is hardner should be added as reality0-2kg/drum*

*The water is foaming agent should be added 600-700g/drum*

### Molded shoe sole physical properties

Items	Molded Density (g/cm <sup>3</sup> )	Hardness (Shore A )	Tensile strength (MPa)	Elongation (%)	Tear Strength (kN/m)	Ross Flexing (room temperature)
Physical properties	0.36~0.4	50~55	4.5~7.5	450~550	15~26	40,000times 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.

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