

In replacement of Standard PX 225...

PX 225 OP

Vacuum casting polyurethane



**PROTOTYPING
INDUSTRIAL PARTS**

Benefits

- Low moisture sensitivity
- Easy to pigment
- Low viscosity
- Good impact resistance
- High flexural resistance
- Adapted for small & medium series
- Real Plastic behavior
- Improved thermal stability
- Mercury free

COMPARATIVE CHART

	PX 225 *		PX 225 OP
PHYSICAL PROPERTIES	100/75	Mixing ratio by weight	100/80
	Transparent	Colour	Opalescent
	80	Hardness (Shore D)	85
	800	Viscosity (mPa.s)	600
	4-5	Pot life at 25°C (min)	4-5
MECHANICAL PROPERTIES	2500	Flexural modulus (Mpa)	2500
	97	Flexural strength (Mpa)	110
	70	Tensile strength (Mpa)	70
	15	Elongation at break (%)	9
	60	Charpy impact strength (kJ/m2)	50
SPECIFIC & THERMAL PROPERTIES	80	Glass transition temperature (°C)	100
	3	Linear shrinkage (mm/m)	3
	5	Maximal casting thickness (mm)	5
	45	Demoulding time at 70°C (min)	45

* Product will be stopped on November 1st, 2014.

Packagings & References

POLYOL PX 225 OP	ISOCYANATE PX 212/225	KIT POLYOL + ISO PX 225 OP
4,8kg Réf. 09074	6 kg Réf. 07690	4.8kg + 6kg Réf.09091
6 X 0,96kg Réf.09076	6 X 1.2kg Réf.06721	(6X1.2kg)+(6X0.96kg) Réf.09092

*For more information
do not hesitate to contact us*