

High-strength type TDI-Based Ester Prepolymer

Features

- Provides polyurethane with excellent mechanical properties, abrasion resistance, and toughness.
- Available in a wide range of hardness levels.
- Exhibits good chemical resistance and oil resistance.
- Offers superior heat resistance compared with ether-based polyurethanes.

PANDEX		361E	372E	380E	385L	390E	394E	356E
Viscosity @80°C	mPa·s	4000-7000	3000-8000	1200-3000	1800-3800	1000-2500	1000-3000	800-1800
Curing agent		MOCA	MOCA	MOCA	MOCA	MOCA	MOCA	MOCA
Hardness ¹⁾		58±2	68±2	82±2	86±2	90±2	94±2	96±2
Tensile strength	MPa	32	37	46	45	46	41	44
Rebound Resilience ²⁾	%	35	38	22	29	25	36	35

1. JIS K 7312 A hardness, 2. ASTM D2632

- By changing the curing agent, MOCA-free formulations can also be obtained.