

SAITO DURAPEL Injection Rubber

General

- Injection Rubber for Outsole Manufacturing

Key Features

- Effectively addressed and reduced debris generation issues
- Achieved labor cost reduction through process simplification
- Enabled long-term distribution and storage for over six months
- Improved the working environment by eliminating factors such as dust and noise
- Enhanced operator working conditions through automation of cutting and raw material feeding processes

Application

- Footwear outsole

Typical properties

List	SAITO DURAPEL	Method
Appearance	Natural	-
Hardness(Shore-A) 5Sec	68	ASTM D 2240
Tensile Strength(kgf/cm ²)	155	ASTM D 412
Elongation(%)	730	ASTM D 412
Abration resistance(Din,mm ³)	70	ASTM D 5963
Slip test (Dry)	4.3	ASTM D 1894
Slip test (Wet)	2.3	
Specific Gravity(g/cc)	1.12	ASTM D 792
Modulus (kgf/cm ²)	52	

Working Condition

- injection temperature : 80°C
- injection speed 40 RPM
- Mold temperature : 170°C
- injection time (Cure Time) 8 min

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