

# Tecnoflon® FOR 7380K fluoroelastomer

TECNOFLON® FOR 7380K is a medium viscosity cure incorporated fluoroelastomer terpolymer (FKM) with 68 % fluorine content. Tecnoflon® FOR 7380K is designed to improve bonding in any application requiring adhesion to metal. In shaft seals or valve stem seals production, Tecnoflon® FOR 7380K greatly reduces the reject rate due to adhesion and molding problems. Tecnoflon® FOR 7380K contains a new curing system and proprietary special processing aid, providing superior processability for fast cycles and scorch safety.

- Superior rubber-to-metal bond
- Lack of mould fouling
- Excellent hot tear resistance

Tecnoflon® FOR 7380K can be used for compression, injection and transfer molding of shaft seals, valve stem seals, O-rings, gaskets and seals. This material can be extruded into hoses or profiles and can be calendered to make sheet stocks or belting. Tecnoflon® FOR 7380K can be combined with the cure system and other typical fluoroelastomer compounding ingredients. Mixing can be accomplished with two-roll mills or internal mixers.

Some of the basic properties of Tecnoflon® FOR 7380K are:

- Very good flow

## General

Material Status	• Commercial: Active	
Availability	• Europe	• North America
Additive	• Processing Aid	
Features	<ul style="list-style-type: none"> <li>• Bondability</li> <li>• Fast Molding Cycle</li> <li>• Good Adhesion</li> <li>• Good Flow</li> <li>• Good Mold Release</li> </ul>	<ul style="list-style-type: none"> <li>• Good Processability</li> <li>• Good Tear Strength</li> <li>• Medium Viscosity</li> <li>• Terpolymer</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Belts/Belt Repair</li> <li>• Blending</li> <li>• Gaskets</li> <li>• Hose</li> </ul>	<ul style="list-style-type: none"> <li>• Profiles</li> <li>• Seals</li> <li>• Sheet</li> <li>• Valves/Valve Parts</li> </ul>
Appearance	• Off-White	
Forms	• Slab	
Processing Method	<ul style="list-style-type: none"> <li>• Calendering</li> <li>• Compounding</li> <li>• Compression Molding</li> </ul>	<ul style="list-style-type: none"> <li>• Extrusion</li> <li>• Injection Molding</li> <li>• Transfer Molding</li> </ul>

## Physical

### Typical Value Unit

Mooney Viscosity <sup>1</sup> (ML 1+10, 121°C)	32 MU
Fluorine Content <sup>1</sup>	68 %

## Notes

Typical properties: these are not to be construed as specifications.

<sup>1</sup> Raw polymer

