

Features

A. Rigid Compounds for Injection

- VICAL can be produced at 60°C~95°C (50N).
- CPVC high-temperature resistant valve parts can be customized.
- Customized PVC/ABS injection compounds.
- Customized high-impact transparent injection compounds.

B. Rigid Compounds for Extrusion

- Customized high-weather-resistance outdoor window frames.
- High-transparency IC tubes.

C. Flexible Compounds for Injection

- Plasticizers can be customized.
- Cold-resistant compounds. that can withstand temperatures as low as -40°C.
- Compounds compliant with EU EN 71 toy safety standards.
- Transparent soft injection compounds (available in both tin-based and calcium-zinc-based types).
- Foam soles.

D. Flexible Compounds for Extrusion

- Plasticizer types and hardness levels can be customized.
- Capable of producing high-resilience extrusion compounds.
- Insulation and sheathing compounds. for wires rated at 60°C, 75°C, 80°C, 90°C, and 105°C.
- Medical-grade tubing compounds..
- High-transparency compounds.
- Premium matte compounds.

Spec.

Specification	Application	Density (g/cm ³)	Hardness	Tensile Strength (Kgf/mm ²)	Elongation%
GPC45PYBK28	Electrical Wire	1.52	88A	1.69	220
GPC50PYBK29	Electrical Wire	1.63	83A	1.17	214
GPC45PYBK32	Electrical Wire	1.55	90A	1.72	326
GPC50PYBK52*	Plug	1.49	82A	1.29	397
GPC0PYBK18	Square Tube	1.67	72D	2.48	13
GPC0PYBK22	Profile Extrusion	1.64	72D	2.85	47
GPC0PYGY24	Edgeband	1.67	79D	2.93	53
GPC0PYGY20	Valve	1.38	76D	4.94	15
GPC50PYCR01	Transparent PVC	1.25	80A	1.91	666
GPC50PYCR02	Transparent Injection	1.23	81A	1.98	670
GPC60PYBK25*	Motorcycle Handlebar	1.32	68A	1.61	721

