

What is UniPack?

UniPack is a Next-Gen pack for modern technology in CPVC compounding, developed by Platinum Industries Limited for CPVC pipe and fittings manufacturing applications.

It combines all essential ingredients like:

- Impact modifiers
- Waxes
- Heat stabilizers
- UV stabilizers
- Processing aids

All-in-One, Ready to Go solution designed for efficiency, consistency, and seamless manufacturing.

Pain Points in Manufacturing CPVC Pipes & Fittings

Sourcing multiple raw materials

Managing inventory & storage

Handling quality inconsistencies

Unipack – Innovation That Powers CPVC Manufacturing

We believe that **performance and consistency is our responsibility**. UniPack is here to provide smooth, hassle-free manufacturing by:

Simplified Compounding:

Integrated additive solution eliminates weighing and mixing.

Cost Efficiency:

Reduces wastage, material handling, & overheads.

Consistency:

Ensures product quality with compatible materials.

Time Savings:

No trial-and-error required- just add, mix & go!

Enhanced Productivity:

Engineered formulation and modern technology for CPVC pipes & fittings.

UniPack allows CPVC pipes & fittings manufacturers to achieve higher efficiency, lower wastage, and reliable end-product quality. For superior quality all you have to do is,

Just Add, Mix & Go!

Quality Table

CPVC Pipe Compound Cell class - D.P. 110-2-3-2 as per BIS Standard 15225 :

NO.	TEST DESCRIPTION	METHOD	SPECIFICATION
1	Intended Application	—	Extrusion Pipe
2	Resin K Value	IS 4669	Resin K Value Should not be less than 66
3	Resin Chlorine Content (As per No.6.2.1 of IS-15778:2007)	IS-15778:2007 Annexure 'B'	Resin Chlorine Content Should not be less than 66.5%
4	Physical Form of CPVC Compound	QC Test	The Compound shall be in the form of dry blend or powder
5	Appearance Milled Colour & Contamination	—	Free from foreign matter and uniform in Colour
6	Vicat Softening Temperatures (As per IS-15778:2007)	IS-13360 (Part-6/Sec 1) As per IS-15225:2002	110°C(Min)
7	Charpy Notched Impact Strength (As per Cell Code-2 of IS-15225:2002)	IS-13360 (Part-5/Sec 5) ISO:179	> 4 to 8 KJ/m ²
8	Tensile Strength (As per Cell Code-3 of IS-15225:2002)	IS-13360 (Part-5/Sec 1) ISO:527 1	>45 to 55 Mpa
9	Tensile Modules (As per Cell Code-2 of IS-15225:2002)	IS-13360 (Part-5/Sec 1) ISO:527 1	>2000 to 2500 Mpa
10	Compound Chlorine Content (As per Cl. No. 6.3.1 of IS-15778:2007)	IS-15778:2007 Annexure 'B'	55% (Min)
11	Verification of Malfunction Temperature (Tmall) (As per Cl. No. 6.3.2 of IS-15778:2007)	IS-15778:2007 Annexure 'C'	Temp. of Water 95±2°C Pressure 1.0 Mpa Duration- 1000 h
12	Compound Density (As for Cl. No. 6.3.3 of IS-15778:2007)	IS -13360 (Part-3/Sec 1)	1450 Kg/m to 1650 Kg/m
13	Ash Content of Compound (As for Cl. No. 8.3 of IS-15225:2002)	IS-15225:2002 Annexure 'C'	6% (Max)
14	Density	ISO 1183-1 at Room Temperature	1.45 to 1.65 Kg/m ³
15	Heat Loss	QC Test at 105°C Temperature	0.30%(Max)



Technical Specifications

STANDARDS COMPLIANCE:

CPVC Compound:
IS 15225:2002

PIPES: IS 15778

FITTINGS: IS 17546:2021

UNIPACK COMPONENTS:

Impact modifier,
waxes, heat stabilizers,
UV stabilizers,
processing aids.

R&D SUPPORT:

Customizable
solutions to suit different
machines & productivity
requirements.

Platinum Industries' Expertise

1. **State-of-the-art R&D Facility** with modern, international equipment
2. **Experienced team** with strong technical expertise
3. **Global sourcing** for the best quality raw materials
4. **Quality control** at every stage of manufacturing
5. Strong **customer support**

Get started today for effortless
manufacturing of CPVC pipes
and fittings with our
revolutionary



PLATINUM.
THE SPARK TO SOLVE

Platinum Industries Limited
Corporate Address
201, Ackruti Star, MIDC Central Road,
Pocket No. 5, MIDC, Marol, Andheri (E),
Mumbai, Maharashtra - 400069

+91-93210 52537 | +91-22-69983999
+91-22-69983900

info@platinumindustriesltd.com

www.platinumindustriesltd.com

UNIPACK
FOR CPVC PIPES & FITTINGS

All-in-One
Smart Pack Solution
for Seamless
CPVC Pipes and
Fittings Manufacturing

Just Add, Mix & Go!

