



**Honeywell High
Performance Lubricants
CPVC Lubricant Package**

Honeywell Lubricant Solutions for CPVC

With Honeywell's lubricant solutions for chlorinated polyvinyl chloride (CPVC), you can create the right mix of raw materials to enhance compound processing performance or reduce cost by developing in-house compound that can offer quality CPVC products.

The full lubricant package Honeywell solution removes the need to purchase single ingredients to build a compound. Instead, Honeywell's experienced technical team has applied its extensive PVC & CPVC manufacturing experience to deliver a lubricant package that meets industry standards while reducing extra costs associated with single ingredient purchasing.

Honeywell's HPL 3068 helps to produce a heat stable and easy to process CPVC compound. The chart below demonstrates the heat stability

of the compound made using HPL 3068 vs. a commercial compound with potential savings by stabilizer reduction.

With this package, Honeywell offers a cohesive product that allows compounders & CPVC pipe manufacturers excellent metal release, better processability and improved output. With fewer quality issues, less money is lost due to scrap and more money is saved by improved yield rate.

Honeywell's lubricant package HPL 3068 for CPVC resin helps compounders and pipe producers achieve optimum processability, improved yield rate, and maximum throughput in CPVC extruded and injection molding applications.



A typical example of shear burning in CPVC pipe resulting due to improper use of single ingredient lubricants and process sensitivity of CPVC resin.

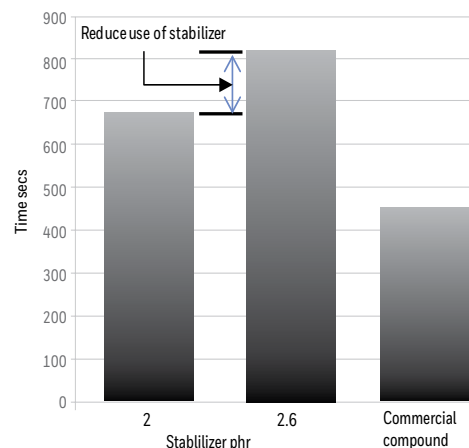
Honeywell's lubricant solutions reduces the shear sensitivity of CPVC compound allowing for longer production runs and higher yield rates. Honeywell lubricant solution offers optimum balance of internal and external lubrication performance for CPVC compound resulting in heat stable, high quality extruded products.

Dynamic Stability

Raw Material		A	B	Commercial Compound
CPVC		100	100	
I.M.	MBS	4	4	
CaCO3	1 Micron	1	1	
TiO2		3	3	
Metal Deactivator		0.3	0.3	
HPL-3068		2.8	2.8	
Stab	High SN	2	2.6	
Brabender Data: Bowl Temp 200°C, 60 RPM, Charge 70 g				
Fusion Times Secs		48	58	54
Fusion Torque m-gms		3753	3774	3915
Time to X-link secs		674	832	450
Temp @ X-link onset C		222	221	225

HPL 3068, as part of the lubricant package, offers a wide processing window for CPVC pipe compounds by reducing fusion torque (amperage) and melt temperature (shear heat).

Stability Time



Honeywell's compound package is more stable than competitive options.

For additional information or to contact us, please visit: honeywell-additives.com

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