# KLJ POLYMERS & CHEMICALS LTD.

## KYlon PA66 0233 WH01P

***Glass & PTFE reinforced***
***PA66 White compound***

## Product Description:-

*KYlon PA66 0233 WH01P is a white colored PA66 compound reinforced with glass fibers and PTFE for injection molding applications. It combines good mechanical properties with excellent lubricating properties.*

*It is designed to provide:*

- *Excellent processability*
- *Excellent Stiffness*
- *Low Dynamic COF*
- *Excellent Chemical resistance*

## Specification:-

| ***Physical*** | ***Test Method*** | ***Unit*** | ***Specification*** |
|---|---|---|---|
| *Specific Gravity* | *ASTM D 792* | *-* | *1.50 ±0.02* |
| *Melt Flow Index (275°C, 5Kg)* | *ASTM D 1238* | *gm/10min* | *10min.* |
| *Dynamic COF* | *similar to ASTMD3702* | | *0.59* |
| ***Mechanical*** | | | |
| *Tensile Strength* | *ASTM D 638* | *kgf/cm2* | *≥1700* |
| *Notched Izod Impact Strength (23°C)* | *ASTM D-256* | *kg cm/cm* | *≥ 13* |
| *Flexural Modulus* | *ASTM D-790* | *MPa* | *7300* |

| ***Thermal*** | | | |
|---|---|---|---|
| *H.D.T @ 0.46MPa* | *ASTM D-648* | *°C* | *>250* |

| ***Flammability*** | | | |
|---|---|---|---|
| *Glow Wire Flammability Index @ 3mm* | *IEC 60695-2-12* | *°C* | *900* |

## *Molding Guidelines:*

***General Processing Conditions for:*** *Injection molding*

*Recommended for Pre drying at 80 to 90°C for 3-4hrs.*

*Molding Temperatures:*

*Feed Zone Temperature: 260°C - 280°C*

*Middle Zone Temperature: 265°C - 285°C*

*Nozzle Zone Temperature: 275°C - 300°C*

*Mold Temperature: 80°C - 120°C*

*Remark: The above temperatures should be considered only as guidelines and will vary with individual processes.*

## *Storage Recommendation:-*

*Bags should be stored in dry place in sealed condition.*

## *Packing:-*

***KYlon*** *granules are packed in 25 kg bags moisture proof bag.*

## *Safety:-*

***KYlon*** *is not classified as dangerous preparation.*

## *Disclaimer:-*

- *The specifications given are the guidelines only.*
- *Above compound is suitable to run on different machines; however some adjustments may be required on individual machine.*
- *All properties are tested as per ASTM standards.*
- *The customers are advised to check the quality, prior to commercial use. There is no guarantee and/or warrantee what so ever, after processing.*