

Manufacturer: Kunshan Kesun Polymer Co., Ltd. KESUN**GURAM® ZR30****Product Feature :**

GURAM® is TPE compounding produced by KESUN. It's safety, recyclable and environmentally friendly, has soft touch and good elasticity; also has excellent pigmentation, excellent weather and temperature resistance. Be used in injection, extrusion, calendaring and blow molding with good processing stability. It has wide applications in daily necessities, sports accessories, toys, decorative materials, auto parts and other applications.

ZR30 is flame retardant TPE compounding. It's no odor, soft touch, smooth surface and good flexibility. Specially for high-end injection products replacement .

Product Properties :

Typical Properties	Test Method	Units	Typical values*
Form	N/A	-	Particle
Color	N/A	-	Nature
Hardness (0S)	ASTM D-2240	shore A	27
Specific Gravity	ASTM D-792	g/cm3	0.9
Melt Flow Index @190°C/2.16Kg	ASTM D-1238	g/10min	45
Tensile Stress	ASTMD-412	MPa	1.8
Tear Strength	ASTMD-624	N/mm	11
Ultimate Elongation	ASTMD-412	%	840

EGYPTIAN SAUDI COMPANY FOR PLASTIC

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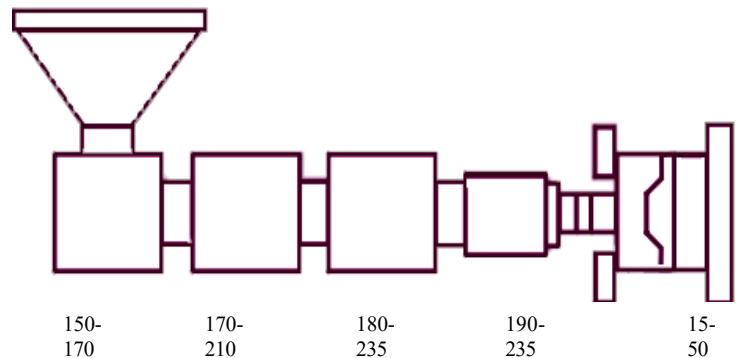
GURAM® ZR30

Processing Guidelines:

Injection Moulding Guidelines

Mold Shrinkage:	0.015~0.025
Injection Speed:	inch/inch Medium -
Injection Pressure:	Fast Medium - Fast
Back Pressure:	Low - Medium
Holding Pressure:	Sufficient to pack the
Cooling:	mould Can be demoulded when parts have sufficiently cooled

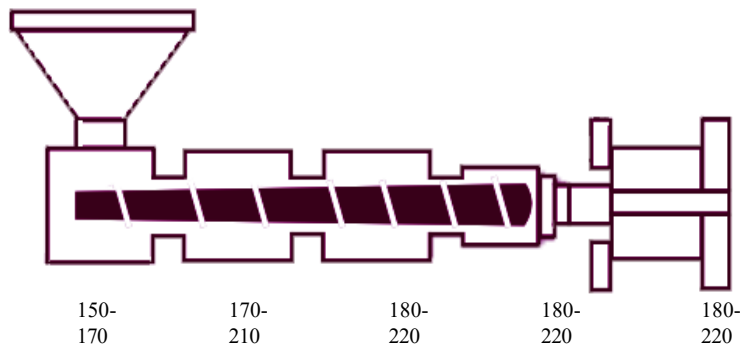
Barrel Temperature (°C)



Extrusion Guidelines

L/D Ratio:	20:1 - 25:1
Compression	2.5 - 3.0
Ratio: Breaker	Both should be
Plate/Screen: Draw	used 5 - 10%
Down: Cooling:	Cold water bath

Barrel Temperature (°C)



Processing Notes:

- A、 Normally need not drying, if absorbed moisture, pre-drying the particles for 2 to 4 hours at 80°C. B、 Cleaning the screw and die with PP or PE before and after processing.
- C、 The gate and runner can be recycled, but less than 15%. D、 PE/EVA base color masterbatch is better for coloring.

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