

TINYTECH UDYOG

Rajkot City, India.

Email: tinytech@oil-refinery.com

**TYPICAL SMOKE POINT, FLASH POINT AND FIRE POINT
FOR
COMMERCIALLY AVAILABLE EDIBLE OILS AND FATS***

| OIL TYPE | Smoke Point | | Flash Point | | Fire Point | |
|-------------------------------|-------------|------|-------------|------|------------|------|
| | (C°) | (F°) | (C°) | (F°) | (C°) | (F°) |
| Palm Olein (IV-57) | 230 | 446 | 324 | 615 | 352 | 666 |
| Palm Hard Fraction (IV-35) | 230 | 446 | 326 | 619 | 352 | 666 |
| Palm | 254 | 489 | 324 | 615 | 354 | 669 |
| Coconut Oil | 196 | 385 | 295 | 563 | 330 | 626 |
| Canola | 236 | 457 | 326 | 619 | 350 | 662 |
| Hi Oleic Canola Oil | 240 | 464 | 340 | 644 | 360 | 680 |
| Corn Oil | 235 | 455 | 325 | 617 | 354 | 670 |
| Soya Oil | 240 | 464 | 330 | 626 | 360 | 680 |
| Low Linolenic Soya | 237 | 458 | 331 | 628 | 362 | 684 |
| Hydrogenated Soya Oil (IV 70) | 230 | 446 | 330 | 626 | 360 | 680 |
| Cottonseed Oil | 232 | 450 | 319 | 606 | 360 | 680 |
| Peanut Oil | 230 | 446 | 334 | 633 | 360 | 680 |
| Mid Oleic Sunflower Oil | 211 | 412 | 319 | 607 | 359 | 678 |
| HI Oleic Sunflower | 244 | 471 | 319 | 606 | 360 | 680 |
| Lard | 240 | 464 | 330 | 626 | 360 | 680 |
| Tallow | 230 | 446 | 330 | 626 | 360 | 680 |
| Rice Bran Oil | 229 | 444 | 324 | 615 | 368 | 695 |
| Rice Bran (High Oryzanol) | 222 | 432 | 316 | 601 | 361 | 682 |

“The above values represent typical smoke, flash and fire points for commercially available edible oils and fats. The values are based on a single test for each sample and thus do not represent a statistically valid mean or indicate the range of values. Smoke, flash and fire points may vary within the collected oil samples due to several other factors such as processing method used, seasonal variations, quality of input oil, testing technique etc. We therefore recommend to conduct your own independent test for your business records. Above is for reference purpose only.”

**Commercial samples were tested after deodorization and had a free fatty acid content of 0.05% or less.*